Z
696
U5V
1910

THE LIBRARY OF CONGRESS
1800

LIBRARY OF CONGRESS

CLASSIFICATION

CLASS V
NAVAL SCIENCE

PRINTED AS MANUSCRIPT

WASHINGTON
GOVERNMENT PRINTING OFFICE
1910

For sale by the
Superintendent of Documents
Government Printing Office

Price 20c

U. S. LIBRARY OF CONGRESS. Classification division.

CLASSIFICATION

CLASS V
NAVAL SCIENCE

PRINTED AS MANUSCRIPT

WASHINGTON
GOVERNMENT PRINTING OFFICE
1910

Z696
.U5V
1910

L. C. card, 10-35014

PREFATORY NOTE

The following schedules were made in 1904 by Mr. S. C. Stuntz, under the direction of Mr. Martel, Chief Classifier. The arrangement of material relating to navies follows in general the classification of Military Science which is based upon the "Classification and Index" of the Military Information Division of the Adjutant-General's Office, U. S. War Department. In the arrangement of sailing directions and similar lists in VK, the publications of the British Hydrographic Office were followed in their general order as furnishing the most complete series available for a systematic list.

Since 1905 the classification of this subject has been in charge of the undersigned and numerous changes have been made. As the material has not yet been recataloged the schedules are still to be considered as provisional.

Clarence W. Perley
Acting Chief Classifier

Herbert Putnam
Librarian of Congress
Washington, June 10, 1910

CONTENTS

	Page.
Prefatory note	3
Table of contents	4
Synopsis	5
Schedules	7–82
Tables of subdivisions:	
Table I. Country subdivisions	85–86
Countries in one alphabet	87
States and Territories of the United States	88
Index	89–106

SYNOPSIS

V NAVAL SCIENCE (GENERAL)

VA NAVAL ORGANIZATION AND DISTRIBUTION

VB NAVAL ADMINISTRATION

VC NAVAL MAINTENANCE

VD NAVAL SEAMEN

VE MARINES

VF NAVAL ORDNANCE

VG MINOR SERVICES OF NAVIES

VK NAVIGATION. MERCHANT MARINE

VM NAVAL ARCHITECTURE, SHIP-BUILDING AND MARINE ENGINEERING

NAVAL SCIENCE (GENERAL)

NAVAL SCIENCE (GENERAL)

V

Periodicals and societies.

1 American and English.

2 French.

3 German.

4 Italian.

5 Other.

7 Congresses.

9 Almanacs, etc. (Official).

Cf. V 11.

10 Year-books (Non-official).

e. g. .N3, Brassey's Naval annual.

11 Navy lists. Official year-books (by country, A–Z).

N. B. If annual report of department is included classify with administrative documents in VA.

13 Exhibitions. Museums.

Collections.

15 Collections by several authors.

17 Collected works, papers, etc., of individual authors.

19 Essays, lectures, etc.

21 Miscellaneous minor works.

23 Dictionaries, encyclopedias.

(Including nautical dictionaries.)

24 Dictionaries in two or more languages.

History and antiquities of naval science.

(Including history of navies and naval wars, naval policy, etc. For Naval history, wars and battles of special countries, see D–F.)

25 Philosophy of history.

e. g. Theory of sea power.

27 General works.

29 Ancient history.

31 Oriental nations.

33 Egyptians.

35 Phenicians. Carthaginians.

37 Greeks.

39 Romans.

41 Other special.

History and antiquities of naval science—Continued.
Medieval history to 1492/1600.
43 General.
45 General special.
Modern history.
47 17th and 18th centuries.
51 19th century.
53 20th century.
55 Special countries, A–Z.
(Only comprehensive general works on sea power, navy and naval wars. Prefer D–F)
Biography.
(Mainly in D–F.)
61 Collective.
63 Individual.
Navy clubs.
Cf. U 56–59, Army and navy clubs.
66 United States.
67 Other American.
68 Great Britain.
69 Other foreign.
General treatises.
101 Early works (to 1800).
103 Treatises since 1800.
105 Miscellaneous studies, notes, etc.
107 Popular works.
109 Juvenile works.
Seamen's handbooks.
110 General.
113 United States Navy.
115 Other countries, A–Z.
Petty officers' handbooks.
120 General.
123 United States Navy.
125 Other countries, A–Z.
Officers' handbooks.
130 General.
133 United States Navy.
135 Other countries, A–Z.
Handbooks for naval militia and reserves.
140 General.
143 United States.
144 Special states, A–W.
145 Other countries, A–Z.

Naval strategy.
160 Early works.
163 Treatises.
165 Special. Miscellaneous.
Naval tactics.
167 General works.
169 Miscellaneous and minor works.
175 Landing. Shore service.
178 Boat attack.
Cf. VD 400, Small boat service.
180 **Blockade duty.**
190 **Reconnaissance. Scouting. Patrols.**
Cf. VB 230, Naval intelligence.
200 **Coast defense.**
Cf. UG 410–445, Coast fortifications.
210 **Submarine warfare.**
Cf. VM 365, Submarine boats—Construction.
V 858–859, Submarine boats in special navies.
220 **Naval ports, bases, reservations, docks, etc. (General).**
Special countries, see VA 67–750.
e. g. VA 67–68, United States.
VA 459, Great Britain.
230 **Navy yards (General).**
Special countries, see VA 69–750.
e. g. VA 69–70, United States.
VA 460, Great Britain.
240 **Coaling stations (General).**
Special countries, see VA.
e. g. VA 73–74, United States.
VA 461, Great Britain.
245 **Naval maneuvers.**
250 **Naval war games.**
252 **Physical training of naval seamen.** 252 Synthetic training methods and devices.
260 General.
263 United States.
264 States, A–W.
265 Other countries, A–Z.
270 **Transmission of orders.**
280 **Naval signaling.**
Cf. VK 381–397, Marine signaling in general.
283 United States.
285 Other countries, A–Z.
300 **Flags (Naval and marine).**
Cf. VK 385, Flags used in marine signaling.
303 United States.
304 States, A–W.

Flags (Naval and marine)—Continued.

305 Foreign countries, A–Z.

310 **Salutes. Honors. Ceremonies.**

Cf. U 350–360, Military ceremonies.

Naval education.

Special schools under each country are to be arranged as follows:

.A2–6 Principal national school.
- Reports.
  - .A2–24 Serial.
  - .A25 Special (by date).
- Ordinances, regulations, etc.
  - .A3–34 Serial.
  - .A35 Special (by date).
- .A4–49 Registers.
- .A5A–Z History, description, etc. (by author or title).
- Miscellaneous.
  - .A6–64 Serial.
  - .A65 Special (by date).

.A7–Z Other schools (by name or place).
- Under each:
  - .1–15 Reports.
  - .2–25 Ordinances, regulations, etc.
  - .3–35 Registers.
  - .4–45 History, description, etc.
  - .5–55 Miscellaneous.

e. g. Under Italy:
- 589.G3 Genoa. R. Scuola navale superiore.
  - .G313 Annuario, 1897–.
  - .G355–1871 Inaugurazione.

Under Portugal:
- 599.E5 Escola de alumnos marinheiros.
  - .E53 Regulations (by date).
- 599.E6 Escola pratica de artilheria naval.
  - .E63 Regulations (by date).
- 599.E8 Escola pratica de torpedos e electricidade.
  - .E85 Histories (by date).

400 General.

401 Ancient.

403 Medieval.

405 Modern (to 1800).

407 19th century.

Cf. 500, Europe.

409 20th century.

Naval education—Continued.
United States.
411 General.
415 **U. S. Naval academy, Annapolis.**
415.A1 Act of incorporation (editions by date).
Administration.
.C3 Regulations (editions by date).
.C4 Regulations for admission.
.C6 Regulations for appointment of cadet engineers.
.E1 Annual report of Superintendent.
.E3 Annual report of Inspectors.
.E4 Annual report of Board of visitors.
.E5 General congressional documents (by date).
.E9 Documents relating to hazing (by date).
.F3 Commencement orations.
.F5 Miscellaneous addresses and speeches.
.F7 Other documents, reports, etc., including semi-official material.
Registers.
.H3 Official annual.
.H5 Others.
Student publications.
.J1 Annuals.
e. g. .J1L9, The Lucky Bag.
.J5 Other serials.
.J7 Miscellaneous.
Graduate publications.
.K1 Reunions of graduates.
.K3 Bulletins.
.K4 Class histories (by date).
.L1 History and general works on the Naval academy.
.L3 Illustrated works. Views.
.M1 Biography (not registers).
.P1 Descriptive. "Life at Annapolis."
.Q1 Other miscellaneous.
e. g. How to get to Annapolis.
.R1 Examination papers.
.R3 Entrance examinations.
420 **Naval war college, Newport, R. I.**
425 Other government schools.
430 **Private naval schools.**
Naval training stations.
433 General.

Naval education.
United States.
Naval training stations—Continued.
434 Special, A–Z.
e. g. .H2, Hampton Roads training station.
435 **Training-ships.**
436 Special ships, A–Z.
437 United States Revenue cutter service. School of instruction.
Cf. HJ 6645.
Canada.
440 General.
441 General special.
442 Special subjects, A–Z.
443 Special provinces, A–Z.
444 Special schools.
See note preceding V 400.
445–449 **Mexico** (Divided like 440–444).
450 **Central America.**
453 Special countries, A–Z.
Under each:
(1) General.
(2) Special (by place).
e. g. .G8 Guatemala.
.G9A–Z Local subdivisions.
455 **West Indies.**
458 Special islands, A–Z.
Under each subdivide like 453,
e. g. .C8–9, Cuba.
South America.
465 General.
Argentine Republic.
466 General.
467 Miscellaneous.
468 Special schools.
472–474[a] Brazil.
475–477[a] Chile.
478–480[a] Colombia.
481–483[a] Ecuador.
Guiana.
484 British.
485 Dutch.
486 French.

[a] Divided like 466–468.

Naval education.
South America—Continued.
488–490[a] Peru.
491–493[a] Uruguay.
494–496[a] Venezuela.
500 **Europe.**
Great Britain.
510 General.
511 General special.
512 Special subjects, A–Z.
513 Examinations.
520 **Royal Naval College, Greenwich.**
.A1 Act of incorporation (editions by date).
Administration.
Regulations.
.C1 General (editions by date).
.C3 Respecting admission.
.E1–5 Annual reports.
.F3 Addresses to students (General).
.F7 Other documents and reports, including semi-official material.
.G3 Information for graduates.
Registers.
.H1 Official annual.
.H5 Others.
Graduate publications.
.K1 Reunions of graduate associations.
.K3 Class histories, etc.
.L1 Histories and general works on the school.
.M1 Biographies.
.P1 Descriptive works, views, etc.
.Q1 Examinations and reports.
Courses.
.Q7 General.
.Q9 Special.
.R1 Other miscellaneous.
523 **Training-ships.**
524 Special ships, A–Z.
525 **Engineer and dockyard schools.**
.A1–5 General reports.
.C1 Regulations.
.N1 Standing orders, etc., for inspectors.

[a] Divided like 466–468.

Naval education.
Europe.
Great Britain.
Engineer and dockyard schools—Continued.
.R1 Miscellaneous.
530 **Private schools.**
535 Marine society schools (Proposed).
Austria.
550 General.
551 General special.
552 Special subjects, A–Z.
553 Special country divisions, A–Z
554 Schools.
See note preceding V 400.
555–559[a] Belgium.
560–564[a] Denmark.
565–569[a] France.
570–574[a] Germany.
575–579[a] Greece.
580–584[a] Holland.
585–589[a] Italy.
590–594[a] Norway.
595–599[a] Portugal.
600–604[a] Russia.
605–609[a] Spain.
610–614[a] Sweden.
615–619[a] Turkey.
620 Balkan States
621 Bulgaria.
622 Rumania.
625 **Asia.**
630–634[a] China.
635–639[a] India.
640–644[a] Japan.
645–649[a] Persia.
650 Other countries, A–Z.
660 **Africa.**
675–679[a] Egypt.
680 Other countries, A–Z.
690–694[a] **Australia.**
695 **Pacific Islands.**

---

[a] Divided like 550–554.

Naval observations in special wars.

N. B. Usually for 2d copies, 1st copies preferably in D, E or F.

701 Before 1789 (by date).
703 Napoleonic wars.
705 United States—Civil war.
707 Franco-German war.
709 Spanish-American war.
713 Russo-Japanese war.

Naval life, manners and customs, curiosities, antiquities, etc.

720 General.
725 Ancient.
Medieval.
730 General.
733 Special.
Modern.
735 General.
736 American.
737 English.
738 French.
739 German.
740 Italian.
741 Russian.
742 Spanish.
743 Other.

War vessels. Construction, armament, etc.

N. B. Not to be confused with Navies (VA), i. e. the vessels constituting the fleets of various countries. Cf. VM.

750 General.
755 Ancient.
760 Medieval.
763 Special.
e. g. Viking ships.
Modern.
765 General works.
767 General special. Minor.
Construction—General.
795 Works before 1815/30 (Period of sailing vessels).
797 1815/30–1860 (Period of steam vessels).
799 1860–1900 (Period of armored vessels).
800 1901–.
Special.
Battle-ships, see 750–800.
820 **Cruisers.**

War vessels. Construction, armament, etc.
Special—Continued.
830 **Torpedo-boats.**
833 United States.
835 Other countries, A–Z.
837 **Torpedo-boat service.**
838 Engineers, etc.
e. g. Le mécanicien torpilleur.
840 **Torpedo-boat destroyers.**
850 **Torpedoes (including apparatus for projection, etc.)**
855 Special, A–Z.
e. g. .G7, Graydon torpedo thrower.
.L4, Lay torpedo.
.W5, Whitehead torpedo.
Submarine boats.
Cf. V 210, Submarine warfare.
VM 365, Construction.
858 United States Navy.
859 Other navies, A–Z.
860 **Revolving turrets. Monitors.**
870 **Unarmored vessels.**
880 Minor craft.
e. g. Scouts, Vedettes, Dispatch boats, etc.
890 **Floating batteries.**
895 Other types.
900 **Armor-plate.**
903 United States.
905 Other countries, A–Z.
907 Special.
e. g. Krupp, Harvey, etc.
910 Tests.
Cf. UF 890, Ordnance tests.
VF 540, Naval ordnance tests.
UG 408–409, Tests of iron and steel for land defenses.
TA 459–490, Tests of metals in general.
913 United States.
915 Other countries, A–Z.
920 Plants.
923 United States.
925 Other countries, A–Z.
950 **Armament.**
960 Installation.
980 Other equipment.
Cf. VM.

NAVAL ORGANIZATION AND DISTRIBUTION. SITUATION. ÉTAT

NAVAL ORGANIZATION AND DISTRIBUTION. SITUATION. ÉTAT.

VA

10 **General treatises.**

20 **Naval expenditures. Cost of navies.**

25 Budgets (General).

Special countries, see 60–740.

e. g. 60, United States.

422, Brazil.

455, Great Britain.

Navies of the world.

37 Official documents.

40 General works (including popular works).

42 Illustrations.

45 **Organization of naval militia, reserves, etc.**

Special countries, see 80–750.

48 **Mobilization (General).**

Special navies, see 77–750.

Naval situation, organization, etc., in special countries.

United States.

50 General naval situation, policy, etc.

United States navy.

Cf. E 182, Naval history.

52 Annual reports.

.A1 Navy department.

.A2 Secretary of the navy.

.A6 Bureau of navigation.

Bureau of construction and repair, see VM 23.

Bureau of equipment, see VC 25.

Bureau of ordnance, see VF 23.

Bureau of steam navigation, see VM 623.

Bureau of supplies and accounts, see VC 35.

Bureau of yards and docks, see VM 23.

Lists of officers, see V 11.

Naval situation, organization, etc., in special countries.
United States.
United States navy—Continued.
53 Special reports, congressional documents, etc.
.A1–6 Compilations.
.A7 Special (by date).
54 Speeches.
55 General works.
Special periods.
56 To 1860.
57 1860–1880.
58 1880–.
59 Illustrations.
60 Naval expenditures and budgets.
Hearings, discussions, etc., see 53–54.
61 **Lists of vessels.**
62 **Distribution, etc.**
63 Special squadrons, fleets, etc. Naval "stations."
(North Atlantic, Asiatic, etc.)
65 Special ships.
Naval ports, bases, reservations, docks, etc.
67 General.
68 Special (by place, A–Z).
Navy yards.
69 General.
70 Special (by place, A–Z).
e. g. .P8, Portsmouth.
Under each:
.A2–8, Documents.
A9–Z, Other works (by author).
73 **Coaling stations, etc.**
Cf. VA 67–68.
74 Special (Local).
75 Colliers and collier service.
77 **Mobilization.**
79 **United States naval auxiliary service.**
(Transports, supply vessels, colliers, etc.)
80 **United States naval militia, naval reserves, etc.**
Naval militia of special states.
(Each state divided like 90–97.)
Alabama.
90 General history.
91 General official publications.
92 Registers, lists, rosters.

Naval situation, organization, etc., in special countries.
United States.
United States naval militia, naval reserves, etc.
Naval militia of special states.
Alabama—Continued.
Regulations and orders, see VB.
93 Special organizations by number.
e. g. 1st (Naval battalion).
94 Organizations by name.
95 Special ships.
97 Miscellaneous, popular, etc.
100–107 California.
110–117 Connecticut.
120–127 Delaware.
130–137 District of Columbia.
140–147 Florida.
150–157 Georgia.
160–167 Illinois.
170–177 Indiana.
180–187 Louisiana.
190–197 Maine.
200–207 Maryland.
210–217 Massachusetts.
220–227 Michigan.
230–237 Minnesota.
240–247 Mississippi.
250–257 Missouri.
260–267 New Hampshire.
270–277 New Jersey.
280–287 New York.
290–297 North Carolina.
300–307 Ohio.
310–317 Oregon.
320–327 Pennsylvania.
330–337 Rhode Island.
340–347 South Carolina.
350–357 Vermont.
360–367 Virginia.
370–377 Washington.
380–387 Wisconsin.
390 Organizations not localized.
Naval situation, organization, etc., in foreign countries.
Canada.
400 General.

Naval situation, organization, etc., in foreign countries.

Canada—Continued.

401 Special country divisions, A–Z.

402 Naval militia.

403–405[a] **Mexico.**

406 **Central America.**

407 Special countries, A–Z.

409 **West Indies.**

410 Special countries, A–Z.

415 **South America.**

416–418[a] Argentine Republic.

422–424[a] Brazil.

425–427[a] Chile.

428–430[a] Colombia.

431–433[a] Ecuador.

Guiana.

434 British.

435 Dutch.

436 French.

437–439[a] Peru.

440–442[a] Uruguay.

443–445[a] Venezuela.

450 **Europe.**

Great Britain.

452 Periodicals.

453 General documents.

454 General treatises, etc.

455 Naval expenditures. Budgets.

456 Lists of vessels.

457 Special squadrons, fleets, etc.

458 Special ships.

459 Naval ports, bases, etc.

460 Navy yards.

.A1, General.

.A5, Special (by place).

461 Coaling stations, wharves, docks, etc.

463 Mobilization.

464 Naval militia and reserves.

465 Special organizations.

Special country divisions.

466 Scotland.

467 Ireland.

---

[a] Divided like 400–402.

Naval situation, organization, etc., in foreign countries.

Europe—Continued.

Austria.

470 Periodicals.
471 Expenditures and budgets.
472 General documents.
473 General treatises, etc.
.A1–5, Official lists of vessels.
474 Special squadrons, fleets, etc.
475 Special ships.
476 . Naval ports and bases. Navy yards.
.A1, General.
.A5–Z, Special (by place).
477 Coaling stations, wharves, docks, etc.
478 Mobilization.
479 Naval militia.

480–489[a] Belgium.
490–499[a] Denmark.
500–509[a] France.
510–519[a] Germany.
520–529[a] Greece.
530–539[a] Holland.
540–549[a] Italy.
550–559[a] Norway.
560–569[a] Portugal.
570–579[a] Russia.
580–589[a] Spain.
590–599[a] Sweden.
600–609[a] Turkey.
610 Balkan States.
612 Bulgaria.
615 Rumania.
620 **Asia.**
630–639[a] China.
640–649[a] India.
650–659[a] Japan.
660 Persia.
665 Siam.
667 Other countries, A–Z.

---

[a] Divided like 470–479.

Naval situation, organization, etc., in foreign countries—Continued.

670	**Africa.**
680	British Africa.
690	Egypt.
700	Other countries, A–Z.
720–729[a]	**Australia and New Zealand.**
730	**Pacific Islands.**
740–749[a]	Hawaii.
750	Others, A–Z.

[a] Divided like 470–479.

NAVAL ADMINISTRATION

257 Personnel management.

258 United States.

.5 Other countries, A-Z.

NAVAL ADMINISTRATION

VB

15 History. Situation in various countries.

21–124 Special countries. Table I.

General treatises.

144 Before 1800.

145 After 1800.

160 **Interior administration.**

(Fleets, stations, etc.)

170 **Civil department.**

180 Civil employees.

183 United States.

185 Other countries, A–Z.

187 Civil service examinations (by country, A–Z).

190 **Commanders, admirals, etc.**

200 **Command of ships.**

203 United States.

205 Other countries, A–Z.

210 **Headquarters, aides, etc.**

220 **Inspection, inspectors, etc.**

223 United States.

225 Other countries, A–Z.

230 **Intelligence.**

Cf. V 190, Reconnaissance.

240 **Attachés.**

250 **Spies.**

257 255 **Preparation of orders. Correspondence.**

258 260 **Enlisted men. Recruiting, promotion, discharge, etc.**

268.5

263 United States.

264 States, A–W.

265 Other countries, A–Z.

270–275 [a] **Recruits and others. Medical and physical examination.**

280–285 [a] **Pensions, bounties, prize money, etc.**

290–295 [a] **Sailors' homes.**

300–305 [a] **Naval cemeteries.**

---

[a] Divided like 260–265.

310 **Officers. Rank, grades, appointment, promotion, retirement, etc.**
313 United States.
314 Special cases, A–Z.
e. g. .G7, Admiral Goldsborough.
315 Other countries, A–Z.
330–335[a] **Rewards, brevets, medals, etc.**
340–345[a] **Provision for widows and orphans.**
Cf. HV 3025–3160.
Naval law.
Cf. VB 790–910.
K, Law.
350 General.
Special.
353 International law.
Disciplinary regulations, see 840.
Mutiny, see 860–867.
United States.
360 Naval law.
363 Navy regulations.
365 General orders.
366 Regulations for training-ships.
368 Regulations for naval militia.
369 Regulations for special states (alphabetically).
Foreign countries.
(Each country divided like 360–369.)
370–379 Canada.
380–389 Mexico.
390 Central America.
395 Special countries (alphabetically).
400 West Indies.
410 Cuba.
420 South America.
430–439 Argentine Republic.
450–459 Brazil.
460–469 Chile.
470–479 Colombia.
480–489 Ecuador.
490 Guiana.
493 British.
495 Dutch.
497 French.
500–509 Peru.

[a] Divided like 260–265.

Naval law.
Foreign countries.
South America—Continued.
510–519 Uruguay.
520–529 Venezuela.
530 Europe.
540–549 Austria.
550–559 Belgium.
560–569 Denmark.
570–579 France.
580–589 Germany.
590–599 Great Britain.
600–609 Greece.
610–619 Holland.
620–629 Italy.
630–639 Norway.
640–649 Portugal.
650–659 Russia.
660–669 Spain.
670–679 Sweden.
680–689 Turkey.
690 Balkan States.
693 Bulgaria.
695 Rumania.
700 Asia.
710–719 China.
720–729 India.
730–739 Japan.
740 Other countries, A–Z.
750 Africa.
760 Egypt.
770 Other countries, A–Z.
775 Australia.
780 Pacific Islands.
785 Special, A–Z.
790 **Judiciary. Administration of naval justice.**
793 United States.
e. g. 793.A2, Judge advocate general—Annual reports.
795 Other countries, A–Z.
800 **Courts-martial.**
803 United States.
805 Other countries, A–Z.

Courts-martial—Continued.
Special cases.
806 United States.
807 Foreign.
810 **Courts of inquiry.**
813 United States.
814 Special.
e. g. Sampson-Schley case.
815 Other countries, A–Z.
830 Miscellaneous.
840 **Naval discipline.**
843 United States.
845 Other countries, A–Z.
850 **Naval crimes and offenses.**
853 United States.
855 Other countries.
860 **Mutiny.**
863 United States.
865 Other countries, A–Z.
867 Special vessels, A–Z.
870 **Desertion.**
873 United States.
875 Other countries, A–Z
880 Other special.
e. g. Looting.
890 **Punishments. Prisons.**
893 United States.
895 Other countries, A–Z.
910 Corporal punishment. Flogging.

NAVAL MAINTENANCE

NAVAL MAINTENANCE

VC	
10	**General treatises.**
	United States navy.
20	**Organization of service.**
	Bureau of equipment.
25	Reports.
26	Regulations, etc. (by date).
	Bureau of provisions and clothing.
30	Reports.
31	Regulations, etc. (by date).
	Bureau of supplies and accounts.
35	Reports.
36	Regulations, etc. (by date).
	Miscellaneous.
38	Official, by date.
39	Non-official.
40	**Naval militia.**
41	Special states, A–W.
	Pay, allowances, etc.
50	Serial reports.
53	Regulations.
54	Tables.
60	Manuals.
61	Special reports (by date).
64	Pay, allowances, etc.
65	Miscellaneous.
	Departments of foreign governments.
	Canada.
90	Supplies.
91	Pay and allowances.
92	Naval militia.
93	Special provinces, A–Z.
94–97[a]	Mexico.
98	Central America.
99	Special countries, A–Z.

[a] Divided like 90–93.

Departments of foreign governments—Continued.

104	West Indies.
105	Special islands, A–Z.
110	South America.
111–114[a]	Argentine Republic.
119–122[a]	Brazil.
123–126[a]	Chile.
127–130[a]	Colombia.
131–134[a]	Ecuador.
135	Guiana.
136	British.
137	Dutch.
138	French.
139–142[a]	Peru.
143–146[a]	Uruguay.
147–150[a]	Venezuela.
160	Europe.
164–167[a]	Austria.
168–171[a]	Belgium.
172–175[a]	Denmark.
176–179[a]	France.
180–183[a]	Germany.
184–187[a]	Great Britain.
188–191[a]	Greece.
192–195[a]	Holland.
196–199[a]	Italy.
200–203[a]	Norway.
204–207[a]	Portugal.
208–211[a]	Russia.
212–215[a]	Spain.
216–219[a]	Sweden.
220–223[a]	Turkey.
224	Balkan States.
226	Bulgaria.
228	Rumania.
230	Asia.
235	China.
238	India.
241	Japan.
245	Other countries, A–Z.

[a] Divided like 90–93.

Departments of foreign governments—Continued.
247 Africa.
250 Egypt.
253 Other countries, A–Z.
255 Australia.
256 Special colonies.
257 Pacific Islands.
258 Special islands.
260 **Supplies and stores (General and personal).**
263 United States.
264 States, A–W.
265 Other countries, A–Z.
270–275[a] **Equipment of vessels, allowances, etc.**
276 **Fuel (Supplies, cost, etc.).**
Cf. VA 75, 461, 477, etc.
.A1, General.
.A3–4, United States.
.A5–Z, Other countries.
279 Other supplies for vessels (alphabetically)
e. g. .C6–8, Cordage.
280–285[a] **Clothing and equipment.**
300–305[a] **Uniforms.** 307 Special purpose and protective clothing.
307 310 Shoes, leggings, footwear. Foul weather gear.
320 Headwear.
330 Tailors. Tailoring.
340 Accouterments.
345 Badges. Insignia.
350–355[a] **Subsistence. Victualing.**
360–365[a] Rations.
370–375[a] Cooking. Messing.
380–385[a] Officers' clubs and messes.
390–395[a] Ship exchanges, canteens.
400 Refrigerators.
410 Water-supply.
430 **Laundries. Laundering.**
500–505[a] **Ship records. Naval accounts.**
550–555[a] **Transportation of enlisted men.**

---

[a] Divided like 260–265.

SEAMEN IN NAVIES

SEAMEN IN NAVIES

Recruiting, enlistment, etc., see VB 260–275.
Physical training, see V 260–265.

VD	
7	Collections.
15	History. Situation in various countries.
21–124	Special countries. Table I.
144	Early works.
145	General works.
150	Manuals.
153	United States.
155	Other countries, A–Z.
157	**Tactics and maneuvers.**
	Drill regulations for special countries.
	(Including watch, station, quarter and fire bills.)
	Watch duty in general, see VK 233.
160	United States.
160.7	Confederate States.
161	United States naval militia.
162	Special states, A–W.
	Canada.
163	General.
164	Naval militia.
165	Special country divisions, A–Z.
166–168[a]	Mexico.
169	Central America.
170	Special countries, A–Z.
172	West Indies.
173	Special islands, A–Z.
175	South America.
176–178[a]	Argentine Republic.
182–184[a]	Brazil.
185–187[a]	Chile.
188–190[a]	Colombia.
191–193[a]	Ecuador.

[a] Divided like 163–165.

Drill regulations for special countries.

South America—Continued.

Guiana.

195 British.

196 Dutch.

197 French.

203–205[a] Peru.

206–208 Uruguay.

209–211[a] Venezuela.

215 Europe.

219–221[a] Austria.

222–224[a] Belgium.

225–227[a] Denmark.

228–230[a] France.

231–233[a] Germany.

234–236[a] Great Britain.

237–239[a] Greece.

240–242[a] Holland.

243–245[a] Italy.

246–248[a] Norway.

249–251[a] Portugal.

252–254[a] Russia.

255–257[a] Spain.

258–260[a] Sweden.

264–266[a] Turkey.

267 Balkan States.

269 Special states, A–Z.

270 Asia.

271–273[a] China.

274–276[a] India.

277–279[a] Japan.

280 Other countries, A–Z.

285 Africa.

286–288[a] Egypt.

289–291[a] British Africa.

292 Other countries, A–Z.

295–297[a] Australia.

300 Pacific Islands.

302 Special islands, A–Z.

320 **Manual of arms.**

---

[a] Divided like 163–165.

330–335[a] **Firing. Musketry.**
340–345[a] **Bayonet drill.**
350–355[a] **Equipment.**
360–365[a] **Small arms.**
370 Rifles. Carbines.
380 Bayonets.
390 Pistols. Revolvers.
400–405[a] **Small boat service.**
Signals, see V 280–285.
Shore service, see V 175.
430 Miscellaneous.

---

[a] Divided like 150–155.

MARINES

MARINES

VE	
7	Collections.
15	History. Situation in various countries.
21–124	Special countries. Table I.
144	Early works (to 1800).
145	General works (1801–).
150	Manuals.
153	United States.
155	Other countries, A–Z.
157	**Tactics and maneuvers.**
160–302	**Drill regulations for special countries.** (Like VD.)
320	**Manual of arms.**
330	**Firing. Musketry.**
333	United States.
335	Other countries, A–Z.
340	**Bayonet drill.**
350	**Equipment.**
353	United States.
355	Other countries, A–Z.
360	**Small arms.**
370	Rifles. Carbines.
380	Bayonets.
390	Pistols. Revolvers.
400	**Uniforms.**
403	United States.
405	Other countries, A–Z.
410	**Shore service.**
	Cf. V 175.
420	**Records, etc.**
430	Miscellaneous.

NAVAL ORDNANCE

NAVAL ORDNANCE

VF

1 Periodicals and societies.
6 Exhibitions.
7 Collections.
10 Organization of ordnance service (General).
15 History. Situation in various countries.
21–124 Special countries. Table I.

General works.

144 Early works (to 1800).
145 General treatises (1801–).
147 Minor works.

Manuals.

150 General.
153 United States.
155 Other countries, A–Z.

Ordnance instructions and drill books.

160–302 Special countries. (Like VD 160–302.)
310–315[a] **Target practice.**
320–325[a] **Equipment of naval artillery.**
330–335[a] **Shore service.**
Cf. V 175.
340–345[a] **Boat equipment.**
350–355[a] **Ordnance and arms—General.**
Cf. UF 520–660, Ordnance, Military.
357 Study and teaching.
370–375[a] Manufacture.
380 **Magazines, etc.**

Ordnance material—Ordnance proper.

Cf. UF 560–565.
390 General works.
393 United States.
.A4–8 Manuals for special guns.
.A4, By mm. or cm.
.A5, By inches.
.A6, By pounds.

---

[a] Divided like 150–155.

Ordnance material—Ordnance proper—Continued.

395 Foreign countries, A–Z.

e. g. Great Britain gun handbooks.

.G7, By inches.

.G72, By pounds.

Further subdivision is made by adding initial letters as needed.

Arrange different editions by date. Thus, for example:

.G72, 6 pr. H. 1895 (Hotchkiss gun).

.G72, 6 pr. N. 1893 (Nordenfelt gun).

410 **Machine guns.**

Cf. UF 620.

.A2 General works (by author, A–Z).

.A3–Z Special guns.

e. g. Gardner gun for naval service.

.G2 General (by author, A–Z).

.G24 Special, by inches.

Gatling.

.G3 General.

.G34 Special, by inches.

Maxim.

.M4 General.

.M42 Special, by mm.

.M44 Special, by inches.

Nordenfelt.

.N8 General.

.N84 Special, by inches.

420 **Ordnance material—Miscellaneous.**

430 **Gun-carriages.**

440 **Revolving cupolas, etc.** Turrets,

450–455[a] **Firing instructions.**

460 **Ammunition.**

470 **Cartridges.**

480 **Projectiles.**

490 Shrapnel, shells, etc.

500 Bullets.

510 **Percussion caps, priming, etc.**

Ballistics, see UF 820–840.

520 **Gunnery.**

530 **Results of firing tests. Deviations, etc.**

540 **Ordnance tests.**

Cf. V 910–915, Armor-plate tests.

UG 408–409, Tests of iron and steel for land defenses.

550 **Ranges, tables, etc.**

580 Miscellaneous.

---

[a] Divided like 150–155.

MINOR SERVICES OF NAVIES

MINOR SERVICES OF NAVIES

VG

20 **Chaplains.**
23 United States.
25 Other countries, A–Z.
30 **Bands. Music.**
33 United States.
35 Other countries, A–Z.
50 **Coast guard and coast signal service.**
53 United States.
55 Other countries, A–Z.
60 **Telegraphic communication.**
Cf. UA 980.
73 United States.
75 Other countries, A–Z.
Wireless telegraphy.
Cf. VK 397; UG 610.
76 General.
77 United States.
.A1–4, Documents.
78 Other countries, A–Z.
80 **Naval telephone service.**
83 United States.
85 Other countries, A–Z.
Medical service.
100 Societies. Periodicals. etc.
103 Congresses.
115 History. Situation in various countries.
121–224 Special countries. Table I.
250 Organization and service.
253 United States.
255 Other countries, A–Z.
260 **Surgeons.**
263 United States.
265 Other countries, A–Z.

60 Postal service.
63 United States.
65 Other countries, A-Z.

Medical service—Continued.
270 **Apothecary service.**
273 United States.
275 Other countries, A–Z.
280 **Dental service.**
283 United States.
285 Other countries, A–Z.
290 **Medical appliances, supplies, etc.**
293 United States.
295 Other countries, A–Z.
Naval hospital corps.
310 General.
320 United States.
325 Other countries, A–Z.
350 **Nurse corps.**
353 United States.
355 Other countries, A–Z.
Naval hospital service and hospitals.
410 General.
420 United States.
Cf. RA 11, U. S. Marine hospital service.
430 Other countries, A–Z.
450 **Hospital ships.**
457 **Red Cross at sea.**
460 **Medical and surgical manuals.**
463 United States.
465 Other countries, A–Z.
470 **Naval hygiene. Sanitation and health.**
471 General special.
e. g. Drinking water, Hints for officers in the West Indies, etc.
473 United States.
475 Other countries, A–Z.
500 **Press. War correspondents on board vessels.**
Other services.
600 **Artificers, Naval.**
603 United States.
605 Other countries, A–Z.
Electricians, see VM 470–475.
800 **Machinists. Machinists' mates.**
803 United States.
805 Other countries, A–Z.
900 **Yeomen. Clerical service.**
903 United States.
905 Other countries, A–Z.

NAVIGATION. MERCHANT MARINE. SHIPPING

NAVIGATION. MERCHANT MARINE. SHIPPING

N. B. This class is designed for the technical part of navigation only.
Cf. HE, Transportation and communication, i. e. economic aspects and policy, institutions, carriers, etc.
For Commerce, see HF.

VK.

Periodicals and societies.
1 English.
2 French.
3 German.
4 Other.
5 Congresses.
Year-books. Abridgments of the nautical almanac, etc.
7 American.
8 Foreign.
Collections.
9 Collections by several authors.
11 Collected works, papers, etc., of individual authors.
Dictionaries, see V 23–24.
History, conditions, etc.
15 General.
21–124 Special countries. Table I.
(Economic material, see HE.)
144 Early works (to 1800).
145 General works, since 1800.
147 General special.
149 Popular works. Books of the ocean. Nautical life.
Cf. G 540–550, Ocean life, voyages, cruises, etc.
GC 21, Oceanography.
155 Pocket-books.
Cf. VK 7–8.
Ship lines, navigation companies, see HE 945.
Lists of vessels (by countries), see HE 565.
Marine insurance, see HE 961–971.
Subsidies, see HE 740–743.

Equipment of ships, see VM.
211 **Ship records, logs, etc.**
215 **Ship rules, etc.**
219 **Recruitment of merchant marine.**
Cf. 401–537, Study and training.
221 **Manning of vessels, officers, crews, etc.**
225 **Impressment. Shanghaiing.**
231 **Discipline.**
233 **Watch duty.**
Cf. VD 160–302, Regulations for special navies.
235 **Stowing. Loading.** Cf. TC 370, Mechanical equipment of docks VM 831, Ship-loading equipment.
237 **Ballast. Light load line. Freeboard.**
Legislation, Laws, Inspection, see HE 585–587.
Harbor regulations, port charges, etc., see HE 951–953.
361 **Dock facilities (Coaling, docking, and repairing).**
365 Special ports, A–Z.
Collisions and their prevention.
Cf. 1250–1255, Shipwrecks.
371 General works.
(Including regulations, rules of the road, etc.)
372 Rule of port helm.
373 Lights and signals.
Law.
375 General.
376 Special countries, A–Z.
Cases. Investigations.
377 Collective.
378 Special (by name of one vessel).
381 **Signaling.**
Cf. V 280–285, Naval signaling.
VK, 1010–1124, Lighthouse service.
383 Fog signals.
385 Flags.
Cf. V 300–305.
387 Lights.
388 Sound. Submarine signaling.
389 Special systems by name of inventor.
391 Codes.
National lists of ships with distinctive signal letters, see HE 565.
393 Funnel marks.
395 House-flags of navigation companies, etc.
397 Wireless telegraphy.
Cf. VG 76–78, Naval telegraphy.
VK 560, Electronics in navigation.

401 **Study and teaching.**
421–524 Country divisions. Table I.
Special schools.
525 United States.
529 Foreign.
531 **Training.**
533 Apprentices.
535 Officers.
537 Examinations.
541 **Seamanship.**
543 Sailing.
Small boat sailing, see GV 811.
545 Miscellaneous topics.
547 Use of oil in storms.
Cf. 587.
Navigation and nautical astronomy.
Cf. QB, Astronomy.
549 History of the science of navigation.
General treatises.
551 Before 1700.
553 1700–1800.
555 1800–.
560 > 559 Minor works.
561 > e. g. Notes on navigation.
563 **Nautical tables.**
Cf. QB 8, Nautical almanacs.
Azimuth tables, see 563.
Cf. QB 207, Geodetic astronomy.
565 Latitude and longitude at sea (including tables).
567 Longitude and time at sea (including tables).
569 Sumner's method.
571 Great circle sailing.
572 Miscellaneous.
e. g. The nautical mile.
573 **Nautical instruments.**
Cf. QB 85–115, Astronomical instruments.
575 Chronometers (use on board ships).
Cf. QB 107.
577 Ships' compasses.
Cf. QC 849, Magnetism of ships and compass deviations.
579 Distance-finders, tables, calculations, etc.
581 Logs.
Cf. VK 211, Log books.
583 Sextants, quadrants, etc.

VK 560 Electronics in navigation.
561 Loran tables, by region, A-Z.
.A1 General
.A6 Asiatic coasts.
.A7 Atlantic Ocean
.P3 Pacific Ocean
.U5 United States coasts.
.U57 West coast.

Nautical instruments—Continued.

584 Other Special instruments, A–Z.

e. g. .S6, sounding apparatus; cf. GC 75–78, Oceanography.

585 Catalogs of instruments.

587 Other special topics.

e. g. Use of charts.

Cf. 547.

Hydrographic surveying.

Cf. GA, Cartography.

GC, Hydrography (Inland waters).

QB 301–321, Geodetic surveying.

TA 623, Marine surveying (Engineering).

591 General works.

593 General special.

594 Apparatus. Instruments.

595 Special voyages.

596 Organization and methods of hydrographic bureaus.

597 Special countries, A–Z.

Under each:

(1) Official publications, by date.

(2) Non-official publications, by author, A–Z.

e. g. United States

.U5 1873.

.U6A–Z.

TIDE AND CURRENT REGISTERS.

601 Early works (to 1800).

602 General works, since 1800.

603 General collections of tide-tables.

e. g. .A2–5, Publications of British Hydrographic Office.

Special regions.

607 **Arctic Ocean.**

609 White Sea.

610 **Atlantic Ocean.**

South Atlantic and American coasts, see 757–791.

611 North Atlantic.

614 North Atlantic islands.

.A1 General.

.A3–Z Special.

e. g. .I2, Iceland.

.F2, Faroe Islands.

Orkney and Shetland, see 636–637.

Azores, Madeira, etc., see 679–680.

Tide and current registers.
Atlantic Ocean—Continued.
615 **North Sea.**
616 Norwegian coast.
617 Skagerrak.
618 Kattegat. The Sound. The Belts.
619 **Baltic Sea.**
620 Swedish coast.
621 Russian coast.
622 German coasts (General and Baltic).
623 Danish coasts.
624 North Sea—German coast.
625 North Sea—Dutch coast.
626 North Sea—Belgian coast.
627 **British Isles.**
628 West coast (except Ireland).
629 St. George's Channel (including Bristol Channel).
630 Bristol Channel.
631 Ireland. Irish Sea.
632 Isle of Man.
633 West coast of Scotland.
634 Hebrides.
635 Scotland—North and east coasts.
636 Shetland Islands.
637 Orkney Islands.
638 East coast of England.
.5 Thames.
639 **English Channel.**
641 British coast.
Channel Islands.
643 General.
644 Special, A–Z.
645 French coasts (General and English Channel).
647 Bay of Biscay.
649 Spanish and Portuguese coasts (General and Atlantic).
650 Local, A–Z.
e. g. .C2, Gulf of Cadiz.
651 **Straits of Gibraltar.**
653 **Mediterranean.**
654 Spain.
655 Balearic Islands.
656 France. Gulf of Lyons.

Tide and current registers.
Atlantic Ocean.
Mediterranean—Continued.
657 Italy.
658 Gulf of Genoa. Ligurian Sea.
659 Corsica.
660 Sardinia.
661 Tyrrhenian Sea.
662 Sicily. Straits of Messina. Sicily Channel (including Skerki Bank).
663 Adriatic and islands (Italian).
664 Austrian coast and islands.
665 Turkey.
666 Greece.
667 Ionian Sea and islands.
.5 Crete.
668 Aegean Sea and islands.
669 Dardanelles. Sea of Marmora.
670 Black Sea.
671 Sea of Azof.
Eastern coasts.
672 Asia Minor.
673 Cyprus.
674 African coast.
677 African coast (General and western).
679 Atlantic islands.
680 Special islands, A–Z.
e. g. .A9, Azores.
.C2, Canaries.
.C3, Cape Verde.
.M2, Madeira.
.S2, Salvages.
685 Indian Ocean.
687 African coast.
.1 British South Africa.
.3 Portuguese.
.5 German.
.7 British East Africa.
689 Rivers.
691 Islands.
693 Gulf of Aden.
695 Red Sea.
697 Persian Gulf.
698 Indian coast. South coast of Asia.

Tide and current registers.
Indian Ocean—Continued.
699 Arabian Sea.
701 Bay of Bengal.
702 **East coast of Asia.**
703 Gulf of Siam.
705 China Sea and Chinese coast.
706 Yangtze River and tributaries.
707 Yellow Sea.
709 Japan Sea.
711 Philippine Islands.
715 **Pacific Ocean.**
717 North.
725 South.
Special.
727 Australia coast.
729 New Zealand coast.
731 Malaysian coasts.
733 Other special islands, A–Z.
741 Eastern Pacific. West coast of America.
743 Alaskan coast.
745 Canada—West coast.
746 Vancouver Island.
United States coast.
747 General.
748 By states, A–W.
749 Mexican coast.
751 Central American coast.
752 Local, A–Z.
755 South American coast.
756 Local, A–Z.
757 **South Atlantic and South Sea.** (West Indies, South America and Pacific.) South Atlantic Ocean in general, see 610.
Atlantic Ocean—West.
North Atlantic and coasts of Europe and Africa, see 611–680.
761 South American coast (General).
763 Straits of Magellan.
764 Falkland Islands.
765 La Plata River.
767 Brazilian coast.

Tide and current registers.
Atlantic Ocean—West—Continued.
West Indies. Caribbean Sea and Gulf of Mexico.
771 General.
773 Special, A–Z.
775 Gulf of Mexico.
777 Florida Keys and Florida Straits.
781 United States.
782 Local, A–Z.
Great Lakes.
783 General.
784 Special, A–Z.
785 Canada—East coast.
786 Nova Scotia. Cape Breton Island.
787 Bay of Fundy.
788 St. Lawrence.
789 Newfoundland and Labrador coasts.
790 Hudson Bay, Hudson Strait, etc.
791 Greenland coast.
792 Baffin Bay, Davis Strait, etc.
793 United States as a whole, including island possessions.

SAILING DIRECTIONS. PILOT GUIDES.

N. B. Official publications to be entered under name of country.

798 Serial publications.
(Hydrographic notices, Notices to mariners, etc.)
799 Tables for navigators. Distances, etc.
Tables for nautical astronomy, see 563–567.
801 Early works (to 1800).
802 General works, since 1800.
803 Official sailing directions published by Great Britain.
Subdivided by region, e. g. 803 (811), North Atlantic.
807 Arctic Ocean.
809 White Sea.
810 Atlantic Ocean.
South Atlantic and American coasts, see 957–991.
811 North Atlantic.
813 General special. Steam lanes.
814 North Atlantic islands.
.A1 General.
.A3–Z9 Local.
.F2, Faroe Islands; .I2, Iceland.
Azores, Madeira, etc., see 879–880.
Orkney and Shetland, see 836–837.

Sailing directions—Continued.
815 **North Sea.**
816 Norway.
817 Skagerrak.
818 Kattegat. The Sound. The Belts.
819 **Baltic Sea.**
820 Sweden.
821 Russia.
822 German coasts (General and Baltic).
823 Danish coasts.
824 North Sea—German coast.
825 North Sea—Dutch coast.
826 North Sea—Belgian coast.
827 **British Isles.**
828 West coast (except Ireland).
829 St. George's Channel (including Bristol Channel).
830 Bristol Channel.
831 Ireland. Irish Sea.
832 Isle of Man.
833 West coast of Scotland.
834 Hebrides.
835 Scotland—North and east coasts.
836 Shetland Islands.
837 Orkney Islands.
838 East coast of England.
.5 River Thames.
839 **English Channel.**
841 British coast.
Channel Islands.
843 General.
844 Special, A–Z.
845 French coasts (General and English Channel).
847 Bay of Biscay.
849 Spanish and Portuguese coasts (General and Atlantic).
850 Local, A–Z.
e. g. .C2, Gulf of Cadiz.
851 **Straits of Gibraltar.**
853 **Mediterranean.**
854 Spain.
855 Balearic Islands.
856 France. Gulf of Lyons.
857 Italy.

Sailing directions.
Mediterranean—Continued.
858 Gulf of Genoa. Ligurian Sea.
859 Corsica.
860 Sardinia.
861 Tyrrhenian Sea.
862 Sicily. Straits of Messina. Sicily Channel (including Skerki Bank).
863 Adriatic and islands (Italian).
864 Austria coast and islands.
865 Turkey.
866 Greece.
867 Ionian Sea and islands.
.5 Crete.
868 Aegean Sea and islands.
869 Dardanelles. Sea of Marmora.
870 Black Sea.
871 Sea of Azof.
Eastern coasts.
872 Asia Minor.
873 Cyprus.
874 African coast.
877 African coast (General and western).
879 Islands (North Atlantic islands).
880 Special islands, A–Z.
e. g. .A9, Azores.
.C2, Canaries.
.C3, Cape Verde.
.M2, Madeira.
.S2, Salvages.
881 East Indies (England to India, etc.).
885 Indian Ocean.
887 African coast (East coast).
.1 British South Africa.
.3 Portuguese.
.5 German.
.7 British East Africa.
889 Rivers.
891 Islands.
893 Gulf of Aden.
895 Red Sea.
897 Persian Gulf.
898 Indian coast. South coast of Asia.

Sailing directions.
Indian Ocean—Continued.
899 Arabian Sea.
901 Bay of Bengal.
902 **East coast of Asia.**
903 Gulf of Siam.
905 China Sea and Chinese coast.
906 Yangtze River.
907 Yellow Sea.
909 Japan Sea.
911 Philippine Islands.
915 **Pacific Ocean.**
917 North.
925 South.
Special.
927 Australia.
929 New Zealand.
931 Malaysia.
933 Other special islands, A–Z.
941 Eastern Pacific. West coast of America.
943 Alaska.
945 West coast of Canada. British Columbia.
946 Vancouver Island.
United States.
947 General.
948 By states, A–W.
949 Mexico.
951 Central America.
952 Local, A–Z.
955 South America.
956 Local, A–Z.
957 **South Atlantic and South Sea.** (West Indies, South America, and Pacific.)
Atlantic Ocean in general, see 810.
Atlantic Ocean—West.
961 South America (General).
963 Straits of Magellan.
964 Falkland Islands.
965 La Plata River.
967 Brazil.
West Indies. Caribbean Sea and Gulf of Mexico.
971 General.
973 Special, A–Z.

Sailing directions.
Atlantic Ocean—West—Continued.
975 Gulf of Mexico.
977 Florida Keys and Florida Straits.
981 United States. "Atlantic coast pilots."
982 Local, A–Z.
Great Lakes.
983 General.
984 Special.
e. g. .G4, Georgian Bay.
.O6, Lake Ontario.
985 Canada—East coast.
986 Nova Scotia and Cape Breton.
987 Bay of Fundy.
988 St. Lawrence.
989 Newfoundland and Labrador.
990 Hudson Bay, Hudson Strait, etc.
991 Greenland.
992 Baffin Bay, Davis Strait, etc.
993 United States as a whole, including island possessions.
e. g. Depths of channels and harbors.

LIGHTHOUSE SERVICE.

(Lighthouses, light-ships, beacons, buoys, fog-horns, etc.)
Cf. TC 375–381, Lighthouse construction, etc.

1010 General works.
1013 Miscellaneous.
1015 History.
1021–1124 Country subdivisions. Table I.
Under 1023, United States:
Lighthouse board.
.A2 Annual reports.
.A25 Special reports (by date).
.A3 Orders.
.A4 Collections.
.A5 Instruction.
.A6 Laws and regulations.
.A7 Miscellaneous.
.A8 Reports, etc., of other (official) bodies.
e. g. Congressional committees, also state documents.
.A9 Non-official, A–Z.

Lists of lights.

1150 **General lists.**

Early volumes or parts of the British Admiralty list of lights bearing no serial numbers are to be marked according to following scheme:

.G7 (by date).

a British Islands.
b North, Baltic and White seas.
c France, Spain and Portugal.
d Mediterranean.
e West coast of Africa.
f South Africa.
g South America.
h West Indies.
i United States.
j British North America.

Special countries and regions.

1151 **Europe.**
1153 Great Britain.
1155 England.
1157 Scotland.
1159 Ireland.
1161 Norway.
1163 Denmark.
1165 Sweden.
1167 Russia.
1169 Germany.
1171 Netherlands.
1173 France.
1175 Portugal.
1176 Mediterranean.
1177 Spain.
1179 Italy.
1181 Greece.
1183 Turkey.
1190 **Africa.**
1191 East Africa.
1192 West Africa.
1193 British Africa, A–Z.
1194 French Africa, A–Z.
1195 German Africa, A–Z.
1196 Italian Africa, A–Z.
1197 Portuguese Africa, A–Z.

Lists of lights.
Special countries and regions.
Africa—Continued.
1198 Egypt.
1199 Other native states, A-Z.
1201 Asia.
1203 China.
1204 India.
1205 Indo-China.
1206 Indonesia. Malay Archipelago.
1207 Japan.
1208 Russia in Asia.
1209 Others, A–Z.
1211 Australia.
1221 Pacific Islands.
1223 Special, A–Z.
1225 South America.
1226 Argentine Republic.
1227 Bolivia.
1228 Brazil.
1229 Chile.
1230 Colombia.
1231 Ecuador.
1232 Guiana.
1233 Paraguay.
1234 Peru.
1235 Uruguay.
1236 Venezuela.
1237 Central America.
1238 Special, A–Z.
1239 West Indies.
1240 Special, A–Z.
1241 North America.
1243 United States.
1244 Great Lakes.
1245 Canada.
1246 Other countries, A–Z.
1247 Bridge lights.
1248 United States.
1249 Other countries, A–Z.

SHIPWRECKS AND FIRES.

Reports and examinations.
Narratives, see G 525–530.

1250 General.
1255 Special wrecks.
1257 Special fires.
1259 Miscellaneous.
e. g. Food supply.
Special countries.
United States.
1270 General.
1271 Great Lakes.
1272 Other special regions, A–Z.
1273 Special states, A–W.
Canada. British America.
1274 General.
1275 Special regions, A–Z.
1276 Special political divisions, A–Z.
Latin America.
1277 General.
1278 Special regions, A–Z.
1279 Special political divisions, A–Z.
Europe.
1280 General.
1281 Special regions, A–Z.
1282 Special political divisions, A–Z.
Africa.
1283 General.
1284 Special regions, A–Z.
1285 Special political divisions, A–Z.
Asia.
1286 General.
1287 Special regions, A–Z.
1288 Special political divisions, A–Z.
Australia.
1289 General.
1290 Special regions, A–Z.
1291 Special political divisions, A–Z.
Pacific Islands.
1292 General.
1293 Special regions, A–Z.
1294 Special islands, A–Z.

SAVING OF LIFE AND PROPERTY.

Life-saving.

1300 Periodicals and societies.
1315 History.
1321–1424 Special countries. Table I.
1445 General works.
1447 Miscellaneous aspects of the general subject.
Apparatus, stations, etc.
Cf. 383, Fog-horns, bells, etc.
1461 General.
1471 Miscellaneous.
1473 Boats.
1475 Buoys.
1477 Life-preservers.
1479 Rockets.
1481 Other special.
e. g. .S2, Safety anchorages.
1491 **Salvage.**
Cf. HE 971, Economics.
VM 981–989, Diving.
JX 4436, International law.

PILOTS AND PILOTAGE.

1500 Periodicals and societies.
1515 History.
1521–1624 Special countries. Table I.
Under 1523, United States:
.A1–4 Documents.
Pilot rules.
.A25 Atlantic and Pacific coast inland waters (by date).
.A26 Rivers whose waters flow into Gulf of Mexico (by date).
.A27 Great Lakes (by date).
.A4 Special (by date).
1645 General works.
1661 Miscellaneous.

NAVAL ARCHITECTURE, SHIP-BUILDING AND MARINE ENGINEERING

NAVAL ARCHITECTURE, SHIP-BUILDING AND MARINE ENGINEERING

War vessels (construction, armament, etc.), see V 750–980.

VM

Periodicals and societies.

1 American and English.
2 French.
3 German.
4 Other.
5 Congresses.
6 Exhibitions. Museums. (Models, etc.)
7 Collections.

Dictionaries and encyclopedias, see V 23–24.

12 Directories.

History.

15 General.
16 Ancient.
17 Medieval.
18 Modern.
19 19th century.
20 20th century.
21–124 Country subdivisions. Table I.

Biography.

139 Collective.
140 Individual.

General works on naval architecture.

Wooden ships.

142 Before 1800.
143 1800–1860/75.
144 1875–.
145 General treatises since 1860/75.

Steel and iron ships.

146 General works.
147 Miscellaneous minor works.
149 Miscellaneous works on naval architecture in general.

Special types of ships, see 311–463.

Specifications, see 295–296 and 737.

151 Tables, pocket-books, etc., for naval architects and ship-builders.

153 **Tonnage tables (Tonnage of ships).**
Cf. HE 737–738, Tables and calculations for freight measurements.
155 **Measurement of ships.**
Theory of the ship. Principles of naval architecture.
156 General works.
157 Displacement and buoyancy of ships.
159 Statical stability of ships.
161 Oscillations of ships (Rolling, etc.).
163 Strains experienced by ships.
Resistance of ships, see 751.
Study and teaching.
165 General.
171–274 Special countries. Table I.
(Add 150 to numbers in table.)
Special schools.
275 American.
276 Foreign.
285 **Addresses, lectures, essays.**
291 **Estimates.**
Contracts and specifications.
Cf. 737, Specifications for marine engines and boilers.
295 General.
296 Special.
e. g. .U5–8 United States government vessels.
.U6S8 Lighthouse tender "Sumac."
.U7 no. 74 Lighthouse vessel, no. 74.
297 **Designs and drawings.**
298 **Ship models.**
299 **Management of works.**
300 **Shop rates, costs, etc.**
301 **Catalogs, illustrations, etc., of ship-yards.**
307 **Illustrations of ships of all kinds.**
Special types of vessels.
Cf. 142–144, Wooden ships.
146–147, Steel and iron ships.
295–296, Specifications for vessels.
737, Specifications for marine engines.
311 Special types by construction, A–Z.
e. g. .W5, Whaleback.
Small craft.
320 Periodicals.
321 General works.
331 **Yachts.**
Cf. GV 813–833, Yachting.

Special types of vessels.
Small craft—Continued.
335 House-boats.
341 Motor-boats. Launches.
Cf. GV 835, Aquatic sports.
VM 771, Marine engines.
Periodicals, see 320.
345 Electric boats.
347 Electric motors. 348 Outboard motorboats.
348 > 351 **Boats. Rowboats, small sailboats, etc.**
353 Canoes.
355 Skiffs.
357 Odd craft. Folding boats, water-bicycles, etc.
359 Toy boats.
361 Catalogs, price-lists, etc.
365 **Submarine boats.**
Cf. V 210, Submarine warfare.
V 858–859, Submarine boats in special navies.
371 Miscellaneous types.
e. g. Chinese junks.
Special types by use.
381 **Passenger vessels.**
385 **Special steamship lines, A–Z.** (Descriptions and views.
391 **Freight vessels.**
Cf. 385.
401 **Colliers**
Dredges, see TC 188.
421 **Ferry-boats.**
431 > Railway ferries, see TF 320. - 431 Fishing boats.
451 **Ice-breaking vessels.**
455 **Oil steamers. Tank steamers.**
461 **River steamers.**
463 **Scows, lighters, etc.**
465 **Structural arrangements of ships.**
469 Water-tight compartments.
Uses of electricity on ships.
470 General.
473 United States Navy.
475 Foreign navies, A–Z.
Lighting, see 493.
479 Miscellaneous.
e. g. Electric power, fire-alarms, etc.
481 **Heating, ventilation and sanitation of ships.**

Lighting of ships.
491 General.
493 Electric lighting (including search-lights).
501 **Plumbing.**
505 **Distillation of sea water.**
Cf. VC 410, Naval water-supply.
G 150, Instructions for travelers.
Q 116, Handbooks for scientific expeditions.
511 **Berthing, hammocks, etc.**
Means of propulsion.
Cf. 751–757.
531 Rigging, masts, spars, sails, etc.
532 Sails and sail-making.
533 Knots, etc.
541 Paddle-wheels.
Screw propellers, see 755.
561 Oars, paddles, etc.
Cf. GN 440, Ethnology.
565 Steering of ships.
Cf. VK 541, Seamanship.

MARINE ENGINEERING.

(Including steam navigation.)

600 General works.
605 Miscellaneous minor works.
607 Pocket-books, tables, etc.
History.
615 General.
618 Fulton-Livingston monopoly.
Cf. 140, Biography.
619 Rumsey-Fitch controversy.
Cf. 140, Biography.
621–724 Special countries. Table I.
Under 623:
United States.
.A1–5 Bureau of steam engineering.
.A2 Annual reports.
.A5 Non-official criticisms, etc.
Naval engineer corps.
.A6 Official (by date).
.A7 Non-official (by date).
.A81–89 Official (except naval).
.A9 Non-official. General, A–Z (by author).
Engineers' examinations.
725 General.
727 United States.

Engineers' examinations—Continued.
728 Foreign countries, A–Z.
Under each:
.A1–5 Official publications.
e. g. Great Britain, 728 .G7A5 1906.
Marine engines.
Cf. TJ 735–740, Steam turbines.
731 General works.
737 **Specifications.**
Cf. 295–296, Specifications for vessels.
United States documents to be divided:
.U4–5 Serials.
.U6 Special vessels named, A–Z.
.U7 Vessels unnamed, by date.
e. g. .U6A6 Steamer "Anthracite."
.U7 1883 "A dispatch boat."
.U7 1907 "Battleship no. 29."
739 **Vibration phenomena.**
Cf. TJ 735–740, Steam turbines.
VM 761, Testing of steamships.
741 **Marine boilers.**
743 Special types, A–Z.
e. g. .B2, Babcock and Wilcox.
.H5, Herreshoff.
.N6, Niclausse.
749 Care of marine boilers.
Cf. TJ 289, Manuals for boiler-tenders in general.
751 **Resistance and propulsion of ships.**
Cf. 531–561.
753 **Propellers.**
755 Screw propellers.
757 Other.
761 **Tests, stability, etc.**
Trial trips, see 880.
763 Miscellaneous.
765 **Auxiliary engines.**
767 **Donkey-engines and other small steam-engines.**
769 **Accessories peculiar to marine engines.**
770 **Gas and oil engines. Gasoline engines.**
Cf. TJ 770–95, Gas and oil engines in general.
771 **Engines for launches and motor-boats** (Gasoline, steam, etc.)
Electric motors, see 347.
775 **Model engines.**
781 **Appliances pertaining to ships.**
791 Anchors and cables.
801 Boat-lowering apparatus.

Appliances pertaining to ships—Continued.

811 Capstans.
815 Lights.
821 Pumps, etc.
831 Ship-loading apparatus.
Steering apparatus.
841 General.
845 Special.
851 Miscellaneous fittings (Hatchways, ladders, etc.).
861 Catalogs and price lists.

Trials (Speed, etc.).

880 General.
e. g. .U6, Instructions for Engineering Trial Board, U. S. N.
881 Special vessels, A–Z.

901 **Appliances used in building, repairing, etc.**
Dry docks, see TC 361.
Floating docks, see TC 363.
925 Marine railways.
931 Ship-raising pontoons, etc.
951 Fouling, corrosion, etc.
961 Cleaning, scraping, painting.

Diving.

Cf. TC 183, Hydraulic engineering.

981 General.
985 Armor.
987 Bell.
989 Other.

COUNTRY SUBDIVISIONS

COUNTRY SUBDIVISIONS.

Table I.

Unless otherwise specified the second number assigned to each country may be used for subdivisions of the country, A–Z.

21	America.
22	North America.
23	United States.
23.5	Confederate States.
24	Special states, A–W.
25	Special cities, A–Z.
26–27	Canada.
28–29	Mexico.
30–31	Central America.
32–33	West Indies.
34	South America.
36–37	Argentine Republic.
38–39	Bolivia.
41–42	Brazil.
43–44	Chile.
45–46	Colombia.
47–48	Ecuador.
49–50	Guiana.
51	Paraguay.
52	Peru.
53	Uruguay.
54	Venezuela.
55	Europe.
57	Great Britain.
59	England (including Wales).
61	Scotland.
63	Ireland.
64	Great Britain—Cities, A–Z.
65–66	Austria.
67–68	Belgium.
69–70	Denmark.
71–72	France.
73–74	Germany.

	Europe—Continued.
75–76	Greece.
77–78	Holland.
79–80	Italy.
81–82	Norway.
83–84	Portugal.
85–86	Russia.
87–88	Spain.
89–90	Sweden.
91–92	Switzerland.
93–94	Turkey.
95–96	Other Balkan States, A–Z.
99	Asia.
101–102	China.
103–104	India.
105–106	Japan.
107–108	Persia.
109–110	Asia Minor.
111–112	Siberia.
113	Other divisions of Asia, A–Z.
115	Africa.
117–118	Egypt.
119	Other divisions of Africa, A–Z.
121–122	Australia and New Zealand.
123	Pacific Islands.
124	Special islands, A–Z.

Table II.

COUNTRIES IN ONE ALPHABET.

Abyssinia	.A2
Afghanistan	.A3
Algeria	.A4
Argentine Republic	.A7
Australia	.A8
Austria	.A9
Belgium	.B4
Bolivia	.B5
Brazil	.B6
British Guiana	.B7
British Honduras	.B8
Bulgaria	.B9
Canada	.C2
Chile	.C5
China	.C6
Colombia	.C7
Costa Rica	.C8
Cuba	.C9
Denmark	.D4
Dutch East Indies	.D7
Dutch Guiana	.D8
Ecuador	.E2
Egypt	.E3
France	.F8
French Guiana	.F9
Germany	.G3
Great Britain	.G7
Greece	.G8
Guatemala	.G9
Haiti	.H2
Holland	.H7
Honduras	.H8
Iceland	.I2
India	.I4
Italy	.I8
Japan	.J3
Korea	.K8
Liberia	.L7
Mexico	.M6
Montenegro	.M7
Morocco	.M8
Netherlands, see Holland.	
Nicaragua	.N5
Norway	.N8
Paraguay	.P2
Persia	.P4
Peru	.P5
Portugal	.P8
Rumania	.R8
Russia	.R9
Salvador	.S2
Santo Domingo	.S3
Servia	.S4
Siam	.S5
Spain	.S7
Sweden	.S8
Switzerland	.S9
Transvaal	.T7
Tunis	.T8
Turkey	.T9
United States	.U6
Uruguay	.U8
Venezuela	.V4

N. B. The numbers in these lists are intended to be used as a guide for the best distribution of numbers and not necessarily as a fixed standard.

Table III.

STATES AND TERRITORIES OF THE UNITED STATES.

Alabama	.A2	Montana	.M9
Alaska Territory	.A4	Nebraska	.N2
Arizona Territory	.A6	Nevada	.N3
Arkansas	.A8	New Hampshire	.N4
California	.C2	New Jersey	.N5
Colorado	.C6	New Mexico Territory	.N6
Connecticut	.C8	New York	.N7
Delaware	.D3	North Carolina	.N8
District of Columbia	.D6	North Dakota	.N9
Florida	.F6	Ohio	.O3
Georgia	.G4	Oklahoma	.O5
Idaho	.I2	Oregon	.O7
Illinois	.I3	Pennsylvania	.P4
Indian Territory	.I4	Rhode Island	.R4
Indiana	.I6	South Carolina	.S6
Iowa	.I8	South Dakota	.S8
Kansas	.K2	Tennessee	.T2
Kentucky	.K4	Texas	.T4
Louisiana	.L8	Utah	.U8
Maine	.M2	Vermont	.V5
Maryland	.M3	Virginia	.V8
Massachusetts	.M4	Washington	.W2
Michigan	.M5	West Virginia	.W4
Minnesota	.M6	Wisconsin	.W6
Mississippi	.M7	Wyoming	.W8
Missouri	.M8		

INDEX

INDEX.

Names of countries are not included in this index except in the case of pilot guides, tide tables, and a few headings under United States and Great Britain. Pilot guides and tide tables are made an exception on account of the fact that their primary arrangement in the schedules is by oceans, seas, etc., and only secondarily by country. In other cases the country subdivisions of any given subject may be readily found by referring to the scheme itself.

A

Accouterments, Naval: VC 340.
Aden, Gulf of
  Pilot guides: VK 893.
  Tide tables: VK 693.
Admirals
  Biography: VB 61–3.
    Special countries: D–F.
  Duties, etc.: VB 190.
Adriatic Sea
  Pilot guides: VK 863–4.
  Tide tables: VK 663–4.
Aegean Sea
  Pilot guides: VK 868.
  Tide tables: VK 668.
Africa
  Pilot guides
    General: VK 877.
    East coast: VK 887.
    West coast: VK 877.
    Mediterranean coast: VK 874.
  Tide tables
    General: VK 677.
    East coast: VK 687.
    West coast: VK 677.
    Mediterranean coast: VK 674.
Alaska
  Pilot guides: VK 943.
  Tide tables: VK 743.
Almanacs, Naval: V 9–10.
America
  Pilot guides
    East coast: VK 961–91.
    West coast: VK 941.
  Tide tables
    East coast: VK 761–91.
    West coast: VK 741.
Ammunition, Naval: VF 460.
Anchors: VM 791.
Annapolis. Naval academy: V 415.
Apothecary service, Naval: VG 270–5.
Appropriations, Naval: VA 20–25.
  Special countries: VA 60–750.
    Great Britain: VA 455.
    United States: VA 60.
Arabian Sea
  Pilot guides: VK 899.
  Tide tables: VK 699.
Arctic Ocean
  Pilot guides: VK 807.
  Tide tables: VK 607.
Armament, Naval: V 950–60.
Armor-plate: V 900–25.
Armor tests: V 910.
  Naval ordnance tests: VF 540.
Asia
  East coast
    Pilot guides: VK 902.
    Tide tables: VK 702.
  North coast
    Pilot guides: VK 807–9
    Tide tables: VK 607–9.
  South coast
    Pilot guides: VK 898.
    Tide tables: VK 698.
Asia Minor
  Pilot guides: VK 872.
  Tide tables: VK 672.
Astronomy, Nautical: VK 549–87.
Atlantic Ocean
  Pilot guides
    General: VK 810.
    North: VK 811–13.
      American coast: VK 961–91.
      European coast: VK 814–51.
      African coast: VK 877–80.

Atlantic Ocean
Pilot guides—Continued.
South: VK 987.
African coast: VK 877–80.
American coast: VK 961–91.
Tide tables
General: VK 610.
North: VK 611–13.
American coast: VK 761–91.
European coast: VK 614–51.
African coast: VK 677–80.
South: VK 787.
African coast: VK 677–80.
American coast: VK 761–91.
Attachés, Naval: VB 240.
Australia, Coast of
Pilot guides: VK 927.
Tide tables: VK 727.
Austria, Coast of
Pilot guides: VK 864.
Tide tables: VK 664.
Azimuth tables: VK 563.
Azof, Sea of
Pilot guides: VK 871.
Tide tables: VK 671.
Azores
Pilot guides: VK 880.A9.
Tide tables: VK 680.A9.

B

Babcock and Wilcox boilers: VM 743.B2.
Badges, Naval: VC 345.
Baffin Bay: VK 792, 992.
Balearic Islands
Pilot guides: VK 855.
Tide tables: VK 655.
Ballast: VK 237.
Ballistics: UF 820–40.
Baltic Sea
Pilot guides: VK 819–22.
Tide tables: VK 619–22.
Bands (Musicians): VG 30–5.
Battle-ships
Construction, etc.: V 750–980.
Special navies: VA
Bayonet drill
Marines: VE 340.
Seamen: VD 340.
Bayonets
Marines: VE 380.
Seamen: VD 380.
Beacons, lighthouses, etc.
Construction: TC 375–81.
Beacons, lighthouses, etc.—Continued.
Lighthouse service: VK 1010–1246.
Belgium, Coast of
Pilot guides: VK 826.
Tide tables: VK 626.
Bengal, Bay of
Pilot guides: VK 901.
Tide tables: VK 701.
Berthing and hammocks: VM 511.
Biscay, Bay of
Pilot guides: VK 847.
Tide tables: VK 647.
Black Sea
Pilot guides: VK 870.
Tide tables: VK 670.
Blockade duty: V 180.
Boat-building: VM 320–61.
Boat equipment (Naval ordnance): VF 340–5.
Boat-lowering apparatus: VM 801.
Boat service (Naval): VD 400–5.
Bookkeeping, Naval: VC 500–5.
Bounties, Naval: VB 280–5.
Brazil, Coast of
Pilot guides: VK 967.
Tide tables: VK 767.
Brevets, Naval: VB 330–5.
Bridge lights (Navigation): VK 1247–9.
Bristol Channel
Pilot guides: VK 830.
Tide tables: VK 630.
British Channel
Pilot guides: VK 839.
Tide tables: VK 639.
British Columbia, Coast of
Pilot guides: VK 945.
Tide tables: VK 745.
British Isles, Coasts of
Pilot guides: VK 827–44.
Tide tables: VK 627–44.
British navy: VA 452–67.
Budgets: VA 20–750.
Bulkheads (Naval architecture): VM 469.
Bullets: VF 500.
Buoys, lighthouses, etc.: VK 1010–1246.

C

Cables (Equipment of vessels): VM 791.
Naval vessels: VC 279.
Cadiz, Gulf of
Pilot guides: VK 850.C2.
Tide tables: VK 650.C2.

Canada
East coast
Pilot guides: VK 985.
Tide tables: VK 785.
West coast
Pilot guides: VK 945.
Tide tables: VK 745.
Canoes: VM 353.
Canteens: VC 390–5.
Cape Breton
Pilot guides: VK 986.
Tide tables: VK 786.
Capstans: VM 811.
Carbines, Naval: VD 370.
Marines: VE 370.
Caribbean Sea
Pilot guides: VK 971.
Tide tables: VK 771.
Carthaginian sea power: V 35.
Cartridges: VF 470.
Cemeteries, Naval: VB 300–5.
Central America
East coast
Pilot guides: VK 971–5.
Tide tables: VK 771–5.
West coast
Pilot guides: VK 951–2.
Tide tables: VK 751–2.
Ceremonies, Naval: V 310.
Channel Islands
Pilot guides: VK 843–4.
Tide tables: VK 643–4.
Chaplains, Naval: VG 20–25.
Chesapeake Bay
Pilot guides: VK 982.C5.
Tide tables: VK 782.C5.
China, Coast of
Pilot guides: VK 902.
Tide tables: VK 702.
China Sea
Pilot guides: VK 905.
Tide tables: VK 705.
Chronometers (Navigation): VK 575.
Civil employees, Naval: VB 170–87.
Clerks, Naval: VB 170–87.
Clothing, Naval: VC 280–340.
Coaling stations, Naval: V 240.
Special countries: VA 73–750.
Great Britain: VA 461.
United States: VA 73–4.
Coast defence: V 200.
Coast pilots: VK 798–993.
(*See* Pilot guides)
Codes, Signal (Navigation): VK 391.
Collier service, Naval: VA.
Great Britain: VA 461.
United States: VA 75.
Colliers (Construction, etc.): VM 401.
Collisions at sea: VK 371–8.
Command of ships (Naval science): VB 200–5.
Commanders, Naval
Biography: V 61–3.
Special countries: D–F.
Duties, etc.: VB 190.
Compass: VK 577.
Cooking, Naval: VC 370.
Corporal punishment in naval service: VB 910.
Correspondents, War: VG 500.
Corsica
Pilot guides: VK 859.
Tide tables: VK 659.
Courts-martial, Naval: VB 800–7.
Courts of inquiry, Naval: VB 810–5.
Crete
Pilot guides: VK 867.5.
Tide tables: VK 667.5.
Crews (Merchant marine): VK 221.
Cruisers: V 820.
Currents: VK 601–793.
(*See* Tide and current registers)
Cyprus
Pilot guides: VK 873.
Tide tables: VK 673.

D

Dardanelles
Pilot guides: VK 869.
Tide tables: VK 669.
Denmark, Coast of
Pilot guides: VK 823.
Tide tables: VK 623.
Dental service, Naval: VG 280–5.
Desertion from the navy: VB 870–5.
Discipline
Merchant marine: VK 231.
Navy: VB 840–5.
Dispatch boats, Naval: V 880.
Dispensaries, Naval: VG 270–5.
Displacement of ships: VM 157.
Distance-finders (Navigation): VK 579.

Distillation of sea water: VM 505.
Diving, Submarine: VM 981–9.
Dock facilities: VK 361–5.
Docks, Naval: V 220.
  Special countries: VA 67–750.
    Great Britain: VA 461.
    United States: VA 67–8.
Donkey-engines: VM 767.
Drags (Hydrography): VK 594.
Drill manual and regulations
  Marines: VE 157–302.
  Naval ordnance: VF 160–302.
  Seamen: VD 157–302.

E

East Indies
  Pilot guides: VK 881.
  Tide tables: VK 681.
Education, Naval: V 400–695.
Egyptian sea power (Ancient): V 33.
Electric boats: VM 345–7.
Electricity in naval use: VM 470–9.
  Electric lighting of ships: VM 493.
  Electricians, Naval: VG 470–5.
  Telegraphy and telephony: VG 70–85.
English Channel
  Pilot guides: VK 839–44.
  Tide tables: VK 639–44.
Enlistment, Naval: VB 260–75.
Equipment, Naval
  General: VC 280–340.
  Marines: VE 350–5.
  Ordnance: VF 320–5.
    Boats: VF 340–5.
  Seamen: VD 350–5.
Expenditures, Naval: VA 20–5.
  Special countries: VA 60–750.
    Great Britain: VA 455.
    United States: VA 60.

F

Falkland Islands
  Pilot guides: VK 964.
  Tide tables: VK 764.
Faroe Islands
  Pilot guides: VK 814 F2.
  Tide tables: VK 614.F2.
Ferry-boats: VM 421.
Firearms, Naval
  Ordnance: VF.
  Small arms
    Marines: VE 360–90.
    Seamen: VD 360–90.
Fires at Sea: VK 1250–94.
Firing (Musketry)
  Marines: VE 330–5.
  Seamen: VD 330–5.
Firing instructions for naval ordnance: VF 450-5.
Flag signaling (Navigation): VK 385.
Flags
  Merchant marine: V 300–5.
    House-flags: VK 395.
    Signal-flags: VK 385.
    Signaling, codes, etc.: VK 391.
  Navy: V 300–5.
    Signaling: V 280–5.
Floating batteries: V 890.
Flogging in navy: VB 910.
Florida Straits
  Pilot guides: VK 977.
  Tide tables: VK 777.
Fog-signals: VK 383.
Folding boats: VM 357.
Food-supply, Naval: VC 350–400.
France, Coasts of
  Pilot guides
    North coast (British Channel): VK 845.
    South coast (Mediterranean, Gulf of Lyons): VK 856.
    West coast (Atlantic, Bay of Biscay): VK 847.
  Tide tables
    North coast: VK 645.
    South coast: VK 656.
    West coast: VK 647.
Franco-Prussian war
  Naval observations: V 707.
Freeboard: VK 237.
Freight steamers (Construction): VM 391.
Fulton, Robert
  Biography: VM 140.F9.
Fulton-Livingston monopoly: VM 618.
Fundy, Bay of
  Pilot guides: VK 987.
  Tide tables: VK 787.
Funnel marks: VK 393.

G

Gas and oil engines: VM 770–1.
Gatling gun (Naval): VF 410.G3.
Genoa, Gulf of
  Pilot guides: VK 858.
  Tide tables: VK 658.
Georgian Bay
  Pilot guides: VK 984.G4.

Germany, Coasts of
Pilot guides
Baltic Sea: VK 822.
North Sea: VK 824.
Tide tables
Baltic Sea: VK 622.
North Sea: VK 624.
Gibraltar, Straits of
Pilot guides: VK 851.
Tide tables: VK 651.
Great Britain
Pilot guides: VK 803.
British Isles: VK 827–44.
Tide tables: VK 603.
British Isles: VK 627–44.
Great Britain. Navy
Drill regulations
Marines: VE 234.
Naval ordnance: VF 234.
Seamen: VD 234.
Law, regulations, etc.: VB 590–99.
Navy lists: V 11.
Organization: VA 452–67.
Great circle sailing: VK 571.
Great Lakes
Lighthouses: VK 1244.
Pilot guides: VK 983–4.
Greece, Coasts of
Pilot guides: VK 866.
Tide tables: VK 666.
Greek sea power (Ancient): V 37.
Greenland, Coast of
Pilot guides: VK 991.
Tide tables: VK 791.
Greenwich royal hospital, Greenwich, Eng.: VB 295.G7.
Gulf of Mexico
Pilot guides: VK 971–7.
Tide tables: VK 771–7.
Gun-carriages, Naval: VF 430.
Gun handbooks (Naval ordnance): VF 390–5.
Great Britain: VF 393.
United States: VF 395.G7.
Gunnery, Naval: VF 520.
Drill books, etc.: VF 150–302.

H

Hammocks, Ships': VM 511.
Hatchways: VM 851.
Headquarters, Naval: VB 210.
Headwear, Naval: VB 320.
Hebrides
Pilot guides: VK 834.
Tide tables: VK 634.
History of naval science: V 25–55.
Holland, Coast of
Pilot guides: VK 825.
Tide tables: VK 625.
Honors, Naval: V 310.
Hospital service, Naval: VG 410–57.
Hospital ships, Naval: VG 450.
House-boats (Construction): VM 335.
Howitzers, Naval: VF 390–5.
Hudson Bay: VK 790,990.
Hydrographic bureaus: VK 596–7.
Hydrographic surveying: VK 591–597.
Hydrography, Marine: VK.
(*See* Pilot guides; Tide and current registers)
Hygiene, Naval: VG 470–5.

I

Ice-breaking vessels: VM 451.
Iceland, Coast of
Pilot guides: VK 814.I2.
Tide tables: VK 614.I2.
Impressment of sailors: VK 225.
Indian Ocean
Pilot guides: VK 885–901.
Tide tables: VK 685–701.
Insignia, Naval: VC 345.
Inspection, Naval: VB 220–5.
Intelligence, Naval: VB 230.
Interior administration (Naval): VB 160.
International law, Naval: VB 353.
Ionian Sea
Pilot guides: VK 867.
Tide tables: VK 667.
Ireland, Coast of
Pilot guides: VK 831.
Tide tables: VK 631.
Irish Sea
Pilot guides: VK 831.
Tide tables: VK 631.
Iron ships: VM 146–7.
Isle of Man
Pilot guides: VK 832.
Tide tables: VK 632.
Italy, coast of
Pilot guides: VK 857.
Tide tables: VK 657.

J

Japan Sea
  Pilot guides: VK 909.
  Tide tables: VK 709.
Judiciary, Naval: VB 790–910.
Junks, Chinese: VM 371.

K

Kattegat
  Pilot guides: VK 818.
  Tide tables: VK 618.
Knot (Nautical mile): VK 572.
Knots, Sailors': VM 533.

L

Labrador, Coast of
  Pilot guides: VK 989.
  Tide tables: VK 789.
Land duty, Naval: V 175.
Landing maneuvers, Naval: V 175.
La Plata River
  Pilot guides: VK 965.
  Tide tables: VK 765.
Latitude and longitude at sea: VK 565–7.
Launches, motor-boats, etc.: VM 341.
  Catalogs: VM 361.
  Electric boats: VM 345–7.
  Engines: VM 771.
  Periodicals: VM 320.
Laundries, Naval: VC 430.
Law, Naval: VB 350–785.
Life-boats: VK 1473.
Life-preservers: VK 1477.
Life-saving service: VK 1300–1481.
Light load line: VK 237.
Light signals (Navigation): VK 387.
Lighthouses: VK 1010–1246.
  Construction: TC 375–9.
Ligurian Sea
  Pilot guides: VK 858.
  Tide tables: VK 658.
Loading of vessels: VK 235.
  Loading apparatus: VM 831.
Log, Ship's: VK 581.
Log books: VK 211.
Longitude and latitude at sea: VK 565–7.
Looting: VB 880.
Lyons, Gulf of
  Pilot guides: VK 856.
  Tide tables: VK 656.

M

Machine guns, Naval: VF 410.
Madeira
  Pilot guides: VK 880.M2.
  Tide tables: VK 680.M2.
Magazines and arsenals, Naval: VF 380.
Magellan, Straits of
  Pilot guides: VK 963.
  Tide tables: VK 763.
Maintenance, Naval: VC.
Malaysia
  Pilot guides: VK 931.
  Tide tables: VK 731.
Man, Isle of
  Pilot guides: VK 832.
  Tide tables: VK 632.
Maneuvers, Naval: V 245.
Manning of vessels: VK 221.
Manual of arms
  Marines: VE 320.
  Seamen: VD 320.
Marine engineering
  Biography: VM 139–40.
  Collections: VM 7.
  Congresses: VM 5.
  Contracts: VM 737.
  Dictionaries: V 23–4.
  Directories: VM 12.
  Encyclopedias: V 23–4.
  Examinations: VM 725–8.
  Exhibitions: VM 6.
  General works: VM 600.
  Handbooks, manuals, etc.: VM 605.
  History: VM 615–724.
  Periodicals: VM 1–4.
  Societies: VM 1–4.
  Special countries: VM 621–724.
  Specifications: VM 737.
  Tables: VM 607.
Marine engines, boilers, etc.: VM 731–75.
Marine hospital service: VG 410–50.
Marine railways: VM 925.
Marines: VE.
  Drill regulations: VE 160–302.
  Equipment: VE 350–405.
  History: VE 15–124.
  Manuals: VE 150–5.
    Manual of arms: VE 320.
  Tactics: VE 157.
Marmora, Sea of
  Pilot guides: VK 869.
  Tide tables: VK 669.

Masts and spars: VM 531.
Maxim machine guns (Naval):
VF 410.M4.
Measurement of vessels: VM 155.
Medals, Naval: VB 330–5.
Medical appliances, Naval: VG 290–5.
Medical examination of recruits:
VB 270–5.
Medical service, Naval: VG 100–475.
Mediterranean Sea
Pilot guides: VK 853–74.
Tide tables: VK 653–74.
Merchant marine
Navigation: VK.
Messina, Straits of
Pilot guides: VK 862.
Tide tables: VK 662.
Messing, Naval: VC 370–80.
Mexico
East coast
Pilot guides: VK 971–3.
Tide tables: VK 771–3.
West coast
Pilot guides: VK 949.
Tide tables: VK 749.
Mexico, Gulf of
Pilot guides: VK 971–7.
Tide tables: VK 771–7.
Mile, Nautical: VK 572.
Minor services of navies: VG.
Mobilization, Naval: VA 48.
Special navies: VA 77–750.
Model engines: VM 775.
Motor-boats: VM 341–7.
Engines: VM 771.
Periodicals: VM 320.
Music, Naval: VG 30–5.
Musketry
Marines: VE 330–5.
Seamen: VD 330–5.
Mutiny, Naval: VB 860–7.

N

Napoleonic wars
Naval observations: V 703.
Nautical astronomy: VK 549–87.
Nautical instruments: VK 573–85.
Nautical training-schools: VK 525–9.
Naval antiquities
History of naval science: V 27–55.
Manners and customs: V 720–43.
Naval architecture: VM.
Biography: VM 139–140.
Catalogs: VM 301.
Collections: VM 7.
Congresses: VM 5.
Contracts: VM 295–6.
Dictionaries: V 23–24.
Encyclopedias: V 23–24.
Essays: VM 285.
Estimates: VM 291.
Exhibitions: VM 6.
General works: VM 142–7.
History: VM 15–124.
Lectures: VM 285.
Miscellaneous: VM 149.
Museums: VM 6.
Periodicals: VM 1–4.
Schools: VM 275–6.
Societies: VM 1–4.
Special countries: VM 21–124.
Specifications: VM 295–6.
Study and teaching : VM 165–276.
Tables: VM 151.
Naval artificers: VG 600–5.
Naval attachés: VB 240.
Naval cemeteries: VB 300–5.
Naval ceremonies: V 310.
Naval courts: VB 800–15.
Naval discipline: VB 840–5.
Naval education: V 400–695.
Naval engineering: VM.
Naval expenditures, budgets, etc.:
VA 20–25.
Special countries: VA 60–750.
Austria: VA 471.
Great Britain: VA 455.
United States: VA 60.
Naval hospital corps: VG 310–25.
Naval hospital service: VG 410–57.
Naval hygiene: VG 470–75.
Naval intelligence: VB 230.
Naval law: VB 350–785.
Naval maneuvers: V 245.
Naval militia
Handbooks: V 140–5.
Maintenance: VC 40–258.
Organization: VA 45.
Special countries: VA 80–750.
Great Britain: VA 464–5.
United States: VA 80–390.
Regulations: VB 368–785.

Naval observations in special wars: V 701–13.
Naval officers
Appointment, etc.: VB 310–5.
Naval ports: V 220.
Special navies: VA 67–750.
Austria: VA 476.
Great Britain: VA 459.
United States: VA 67–68.
Naval prisons: VB 890–5.
Naval punishments: VB 890–910.
Naval reconnaissance: V 190.
Naval regulations: VB 363–785.
Naval reservations: V 220.
Special navies: VA 67–750.
Naval reserves
Handbooks for enlisted men: V 140–5.
Maintenance: VC 40–258.
Organization: VA 45.
Special countries: VA 80–750.
Great Britain: VA 464–5.
United States: VA 80–390.
Regulations: VB 368–785.
Naval salutes: V 310.
Naval science
Almanacs: V 9–10.
Annuals: V 9–11.
Antiquities: V 27–55.
Armor, armament: V 900–60.
Biography: V 61–3.
Special countries: D–F.
Collected works: V 15–17.
Congresses: V 7.
Dictionaries: V 23–24.
Education: V 400–695.
Encyclopedias: V 23–24.
Essays: V 19.
Exhibitions: V 13.
Flags, etc.: V 300–5.
Handbooks: V 110–45.
History: V 25–55.
Juvenile works: V 109.
Marines: VE.
Medical and sanitary service: VG 100–475.
Museums: V 13.
Naval administration: VB.
Naval education: V 400–695.
Naval law: VB 350–785.
Naval maintenance: VC.
Naval observations in special wars: V 701–13.
Naval science—Continued.
Naval organization and situation: VA.
Naval stations: V 220.
Special navies: VA 67–750.
Navy clubs: V 66–69.
Navy lists: V 11.
Navy yards: V 230.
Special countries: VA 69–750.
Ordnance: VF.
Periodicals: V 1–5.
Popular works: V 40, V 107.
Seamen, Naval: VD.
Signaling
Merchant marine: VK 381–397.
Naval: V 280–5.
Societies: V 1–5.
Strategy: V 160–5.
Study and teaching: V 400–695.
Tactics: V 167–190.
Transportation service: VC 550–5.
Treatises: V 101–103.
Yearbooks: V 9–11.
Naval signaling: V 280–5.
Naval stations: V 220.
Special navies: VA 67–750.
Naval telegraphy: VG 70–78.
Naval telephony: VG 80–85.
Naval training stations
United States: V 433–4.
Navies, Cost of: VA 20–5.
Special countries: VA 60–750.
Navies of the world: VA 37–42.
Navigation
Apprentices: VK 533.
Collected works: VK 9–11.
Collisions: VK 371–8.
Congresses: VK 5.
Dictionaries: V 23–4.
Examinations: VK 537.
General works: VK 144–9.
History: VK 15–124.
Hydrographic surveying: VK 591–7.
Law: HE.
Life-saving: VK 1300–1481.
Lighthouses: VK 1010–1246.
Navigation and nautical astronomy: VK 549–87.
Periodicals: VK 1–4.
Pilots: VK 1500–1661.
Sailing directions: VK 798–993.
Seamanship: VK 541–7.
Ship rules: VK 215.

Navigation—Continued.
Shipwrecks: VK 1250–94.
Signaling: VK 381–97.
Study and teaching: VK 401–529.
Tables: VK 563.
Tide registers: VK 601–793.
Year-books: VK 7–8.
Navy clubs: V 66–69.
Navy lists: V 11.
Navy-yards
General: V 230.
Special countries: VA 69–750.
Great Britain: VA 460.
United States: VA 69–70.
New Zealand, Coast of
Pilot guides: VK 929.
Tide tables: VK 729.
Newfoundland, Coast of
Pilot guides: VK 989.
Tide tables: VK 789.
Newport. Naval War College: V 420.
Niclausse boilers: VM 743.N6.
North Atlantic
Sailing directions: VK 811–3.
Tides and currents: VK 611.
North Atlantic Islands
Pilot guides: VK 879–80.
Tide tables: VK 679–80.
North Sea
Pilot guides: VK 815–18.
Tide tables: VK 615–18.
Norway, Coasts of
Pilot guides: VK 816.
Tide tables: VK 616.
Nova Scotia, Coast of
Pilot guides: VK 986.
Tide tables: VK 786.
Nurse corps, Naval: VG 350–5.

O

Oars: VM 561.
Ocean liners (Construction): VM 381–5.
Officers, Naval: VB 310–5.
Officers' mess: VC 380.
Oil (Use in storms): VK 547.
Oil steamers (Tank steamers, etc.): VM 455.
Orders, Naval
Collections of general orders: VB 365–785.
Preparation: VB 255.
Transmission: V 270.
Ordnance, Naval: VF.
Gunnery: VF 520.
History: VF 15–124.
Instructions, drill books: VF 160–302.
Manuals: VF 150–5.
Manufacture: VF 370–5.
Testing: VF 540.
Orkney Islands
Pilot guides: VK 837.
Tide tables: VK 637.
Oscillations of ships: VM 161.

P

Pacific Ocean
Pilot guides: VK 915–56.
Tide tables: VK 715–56.
Paddle-wheels: VM 541.
Paddles: VM 561.
Passenger steamers (Construction): VM 381.
Patrols, Naval: V 190.
Pay and allowances, Naval
United States: VC 50–65.
Other countries: VC 91–258.
Pensions, Naval: VB 280–5.
Widows and orphans: VB 340–5.
Percussion caps: VF 510.
Persian Gulf
Pilot guides: VK 897.
Tide tables: VK 697.
Pharmacists, Naval: VG 270–5.
Phenician sea power: V 35.
Philippine Islands
Pilot guides: VK 911.
Tide tables: VK 711.
Physical examination of naval recruits: VB 270–5.
Physical training of naval seamen: V 260–5.
Physicians, Naval: VG 100–255.
Pilot guides
Aden, Gulf of: VK 893.
Adriatic Sea: VK 863–4.
Aegean Sea: VK 868.
Africa
General: VK 877.
East coast: VK 887.
West coast: VK 877.
Mediterranean coast: VK 874.
Alaska: VK 943.
America
East coast: VK 961–91.

Pilot guides
America—Continued.
West coast: VK 941.
Arabian Sea: VK 899.
Arctic Ocean: VK 807.
Asia
East coast: VK 902.
Asia Minor: VK 872.
Atlantic Ocean
General: VK 810.
North: VK 811–13.
African coast: VK 877–80.
American coast: VK 961–91.
European coast: VK 814–51.
South: VK 957.
African coast: VK 877–80.
American coast: VK 961–7.
Australia: VK 927.
Austria: VK 864.
Azof, Sea of: VK 871.
Baffin Bay: VK 992.
Balearic Islands: VK 855.
Baltic Sea: VK 819.
Belgium: VK 826.
Bengal, Bay of: VK 901.
Biscay, Bay of: VK 847.
Black Sea: VK 870.
Brazil: VK 967.
Bristol Channel: VK 830.
British Channel: VK 839.
British Columbia: VK 945.
British Isles: VK 827–44.
Cadiz, Gulf of: VK 850.C2.
Canada
East coast: VK 985.
West coast: VK 945.
Cape Breton: VK 986.
Caribbean Sea: VK 971.
Central America
East coast: VK 971–5.
West coast: VK 951–2.
Channel Islands: VK 843–4.
Chesapeake Bay: VK 982.C5.
China Sea: VK 905.
Corsica: VK 859.
Crete: VK 867.5.
Cyprus: VK 873.
Dardanelles: VK 869.
Denmark: VK 823.
East Indies: VK 881.
English Channel: VK 839.
Falkland Islands: VK 964.

Pilot guides—Continued.
Faroe Islands: VK 814.F2.
Florida Straits: VK 977.
France: VK 845.
North (British Channel): VK 845.
South (Mediterranean, Gulf of Lyons): VK 856.
West (Atlantic, Bay of Biscay): VK 847.
Fundy, Bay of: VK 987.
Genoa, Gulf of: VK 858.
Germany
Baltic Sea: VK 822.
North Sea: VK 824.
Gibraltar, Straits of: VK 851.
Great Britain
British Isles: VK 827–44.
Official collections published by Great Britain: VK 803.
Great Lakes: VK 983–4.
Greece: VK 866.
Greenland: VK 991.
Gulf of Mexico: VK 971–7.
Holland: VK 825.
Hudson Bay: VK 990.
Iceland: VK 814.I2.
Indian Ocean: VK 885–901.
Ionian Sea: VK 867.
Ireland: VK 831.
Italy: VK 857.
Japan Sea: VK 909–11.
Kattegat: VK 818.
Labrador: VK 989.
La Plata River: VK 965.
Lyons, Gulf of: VK 856.
Madeira: VK 880.M2.
Magellan, Straits of: VK 963.
Malaysia: VK 931.
Man, Isle of: VK 832.
Marmora, Sea of: VK 869.
Mediterranean Sea: VK 853–74.
Messina, Straits of: VK 862.
Mexico
East coast: VK 971–3.
West coast: VK 949.
Mexico, Gulf of: VK 971–7.
New Zealand: VK 929.
Newfoundland: VK 989.
North Atlantic Islands: VK 879.
North Sea: VK 815–18.
Norway: VK 816.
Nova Scotia: VK 986.

Pilot guides—Continued.
Orkney Isles: VK 836.
Pacific Ocean: VK 915–56.
Persian Gulf: VK 897.
Philippine Islands: VK 911.
Portugal: VK 849.
Red Sea: VK 895.
Russia
Arctic Ocean: VK 807.
Baltic Sea: VK 821.
Black Sea: VK 870.
White Sea: VK 809.
Saint Lawrence River: VK 988.
Sardinia: VK 860.
Scotland: VK 835.
Shetland Islands: VK 836.
Siam, Gulf of: VK 903.
Sicily: VK 862.
Skagerrak: VK 817.
Skerki Bank: VK 862.
South America
General: VK 961.
East coast: VK 961–7.
West coast: VK 955–6.
Spain
Atlantic Ocean: VK 849.
Mediterranean Sea: VK 854.
Sweden: VK 820.
Thames River: VK 838.5.
Turkey: VK 865.
Tyrrhenian Sea: VK 861.
United States
East coast: VK 981–2.
West coast: VK 947–8.
Vancouver Island: VK 946.
West Indies: VK 971–3.
White Sea: VK 809.
Windward Passage: VK 977.
Yangtze River: VK 906.
Yellow Sea: VK 907.
Pilots and pilotage: VK 1500–1661.
Pilot guides: VK 798–993.
Pistols and revolvers (Naval): VD 390.
Marines: VE 390.
Portugal, Coast of
Pilot guides: VK 849.
Tide tables: VK 649.
Preparation of naval orders: VB 255.
Press, war correspondents, etc.: VG 500.
Prisons, Naval: VB 890–5.
Prize money, Naval: VB 280–5.
Projectiles, Naval: VF 480–500.
Punishments, Naval: VB 800–910.

R

Ranges and range tables
Naval ordnance: VF 550.
Rations, Naval: VC 360.
Reconnaissance, Naval: V 190.
Records and accounts, Naval: VC 500–5.
Recruiting, Naval: VB 260–275.
Red Cross, Naval: VG 457.
Red Sea
Pilot guides: VK 895.
Tide tables: VK 695.
Refrigerators on war-ships: VC 400.
Regulations, Naval: VB 363–785.
(*See also the special service*)
Reserves, Naval
(*See* Naval reserves)
Resistance of ships: VM 751.
Retirement of naval officers: VB 310–5.
Revolvers and pistols (Naval): VD 390.
Marines: VE 390.
Revolving cupolas
Naval ordnance: VF 440.
Rewards, medals, etc. (Naval): VB 330–5.
Rifles, Naval: VD 370.
Marines: VE 370.
Rigging: VM 531–3.
Right of way (Navigation): VK 371–8.
River steamers: VM 461.
Rockets (Life-saving service): VK 1479.
Roller-boats: VM 371.
Roman sea power: V 39.
Rowboats: VM 351.
Catalogs: VM 361.
Rule of the road at sea: VK 371–8.
Rumsey-Fitch controversy: VM 619.
Russia, Coasts of
Pilot guides
Arctic Ocean: VK 807.
Baltic Sea: VK 821.
Black Sea: VK 870.
White Sea: VK 809.
Tide tables
Arctic Ocean: VK 607.
Baltic Sea: VK 621.
Black Sea: VK 670.
White Sea: VK 609.
Russo-Japanese war, 1904–5
Naval observations: V 713.

S

Sailboats, Small: VM 351–9.
Sailing: VK 543.
Boat sailing: GV 811.

Sailing directions: VK 798–993.
(*See* Pilot guides)
Sailors (Merchant marine): VK 219–31.
Sailors' handbooks (Naval): V 110–5.
Sailors' homes (Naval): VB 290–5.
Sails and sail-making: VM 532.
St. George's Channel
Pilot guides: VK 829.
Tide tables: VK 629.
Saint Lawrence River
Pilot guides: VK 988.
Tide tables: VK 788.
Salutes, Naval: V 310.
Salvage: VK 1491.
Sampson-Schley case
Court of inquiry: VB 814.
Sanitary service, Naval: VG 470–5.
Sanitation of vessels: VM 481.
Sardinia, Coast of
Pilot guides: VK 860.
Tide tables: VK 660.
Schley-Sampson case
Court of inquiry: VB 814.
Scotland, Coast of
Pilot guides: VK 835.
Tide tables: VK 635.
Scouting, Naval: V 190.
Scout boats: V 880.
Scows (Construction): VM 463.
Screw propeller: VM 755.
Sea power
Navies of the world: VA.
Theory: V 25.
Seamanship: VK 541–7.
Seamen, Naval: VD.
Equipment, etc.: VD 350–90.
History: VD 15–124.
Manuals: VD 150–5.
Manual of arms: VD 320.
Physical training: V 260–5.
Seamen's handbooks, Naval: V 110–115.
Search-lights, Naval: VM 493.
Sextant: VK 583.
Shanghaiing: VK 225.
Shells, projectiles, etc.
Naval ordnance: VF 480–500.
Shetland Islands
Coast pilots: VK 836.
Tide tables: VK 636.
Ship-building: VM.
(*See* Naval architecture)
Ship models: VM 298.
Museums, etc.: VM 6.
Ship propulsion: VM 751.
Ship records
Merchant marine: VK 211.
Naval: VC 500–5.
Ship resistance: VM 751.
Ship rules (Navigation): VK 215.
Ships
Appliances: VM 781–861.
Cleaning, scraping, etc.: VM 961.
Fouling, corrosion, etc.: VM 951.
Heating and ventilation: VM 481.
Lighting: VM 491–3.
Lights: VM 815.
Loading apparatus: VM 831.
Measurement: VM 155.
Models: VM 298.
Museums: VM 6.
Painting: VM 961.
Plumbing: VM 501.
Propulsion: VM 751–7.
Means of propulsion: VM 531–61.
Propellers: VM 753–7.
Pumps: VM 821.
Repairing: VM 901–61.
Sanitation: VM 481.
Speed trials: VM 880–1.
Structural arrangements: VM 465–9.
Ventilation: VM 481.
Ships, Iron and steel: VM 146–7.
Ship's compass: VK 577.
Shipwrecks
Reports, etc.: VK 1250–94.
Narratives: G 525–30.
Shoes (Naval equipment): VC 310.
Shore service, Naval: V 175.
Marines: VE 410.
Ordnance: VF 330–5.
Shrapnel
Naval ordnance: VF 490.
Siam, Gulf of
Pilot guides: VK 903.
Tide tables: VK 703.
Sicily, Coast of
Pilot guides: VK 862.
Tide tables: VK 662.
Signals and signaling
Naval signaling: V 280–5.
Navigation: VK 381–97.
Prevention of collisions: VK 373.

Skagerrak
  Pilot guides: VK 817.
  Tide tables: VK 617.
Skerki Bank
  Pilot guides: VK 862.
  Tide tables: VK 662.
Skiffs (Construction): VM 355.
Small arms, Naval: VD 360–90.
  Marines: VE 360–90.
Small boat duty (Naval): VD 400–5.
Small craft (Ship-building): VM 320–61.
Sound and submarine signaling: VK 388.
Sounding apparatus: VK 584. S6.
South America
  Pilot guides
    General: VK 961.
    East coast: VK 961–7.
    West coast: VK 955–6.
  Tide tables
    General: VK 761:
    East coast: VK 761–7.
    West coast: VK 755–6.
South Sea
  Pilot guides: VK 957.
  Tides and currents: VK 757.
Spain, Coast of
  Pilot guides
    Atlantic Ocean: VK 849.
    Mediterranean Sea: VK 854.
  Tide tables
    Atlantic Ocean: VK 649.
    Mediterranean Sea: VK 654.
Spanish-American war
  Naval observations: V 709.
Spies, Naval: VB 250.
Statical stability of ships: VM 159.
Station-pointer (Navigation): VK 584.S7.
Steam-boilers, Marine: VM 741–9.
Steam-engines, Marine: VM 731–769.
  Steam turbines: TJ 735–40.
Steam navigation: VM 600–891.
Steam turbines: TJ 735–40.
Steel ships: VM 146–7.
Steering of ships: VM 565.
  Apparatus: VM 841–5.
Stowage: VK 235.
Strategy, Naval: V 160–5.
Stresses and strains of ships: VM 163.
Submarine boats
  Construction: VM 365.
  Special navies: V 858–9.
  Use in war: V 210.
Submarine signaling: VK 388.
Submarine warfare: V 210.
Subsistence, Naval: VC 350–410.
Sumner's method (Navigation): VK 569.
Supplies, Naval: VC 260–5.
Surgeons, Naval: VG 260–5.
Surveying, Hydrographic: VK 591–7.
Sweden, Coast of
  Pilot guides: VK 820.
  Tide tables: VK 620.

T

Tactics, Naval: V 167–190.
Tank-steamers: VM 455.
Target practice, Naval: VF 310–5.
Telegraphy, Naval: VG 70–8.
  Wireless: VG 76–8.
Telephony, Naval: VG 80–85.
Telescopes (Naval equipment): VC 340.
Tests of steamships: VM 880–1.
Thames River
  Pilot guides: VK 838.5.
  Tide tables: VK 638.5.
Tide and current registers: VK 601–793.
  Aden, Gulf of: VK 693.
  Adriatic Sea: VK 663–4.
  Aegean Sea: VK 668.
  Africa
    General: VK 677.
    East coast: VK 687.
    West coast: VK 677.
    Mediterranean coast: VK 674.
  Alaska: VK 743.
  America
    East coast: VK 761–91.
    West coast: VK 741.
  Arabian Sea: VK 699.
  Arctic Ocean: VK 607.
  Asia
    East coast: VK 702.
  Asia Minor: VK 672.
  Atlantic Ocean
    General: VK 610.
    North: VK 611–13.
      African coast: VK 677–80.
      American coast: VK 761–91.
      European coast: VK 614–51.
    South: VK 757.
      African coast: VK 677–80.
      American coast: VK 761–7.
  Australia: VK 727.
  Austria: VK 664.

Tide and current registers—Continued.
Azof, Sea of: VK 671.
Baffin Bay: VK 792.
Balearic Islands: VK 655.
Baltic Sea: VK 619.
Belgium: VK 626.
Bengal, Bay of: VK 701.
Biscay, Bay of: VK 647.
Black Sea: VK 670.
Brazil: VK 767.
Bristol Channel: VK 630.
British Channel: VK 639.
British Columbia: VK 745.
British Isles: VK 627–44.
Cadiz, Gulf of: VK 650.C2.
Canada
East coast: VK 785.
West coast: VK 745.
Cape Breton: VK 786.
Caribbean Sea: VK 771.
Central America
East coast: VK 771–5.
West coast: VK 751–2.
Channel Islands: VK 643–4.
Chesapeake Bay: VK 782.C5.
China Sea: VK 705.
Corsica: VK 659.
Crete: VK 667.5.
Cyprus: VK 673.
Dardanelles: VK 669.
Denmark: VK 623.
East Indies: VK 681.
English Channel: VK 639.
Falkland Islands: VK 764.
Faroe Islands: VK 614.F2.
Florida Straits: VK 777.
France: VK 645.
North (British Channel): VK 645.
South (Mediterranean, Gulf of Lyons): VK 656.
West (Atlantic, Bay of Biscay): VK 647.
Fundy, Bay of: VK 787.
Genoa, Gulf of: VK 658.
Germany
Baltic Sea: VK 622.
North Sea: VK 624.
Gibraltar, Straits of: VK 651.
Great Britain
British Isles: VK 627–44.
Official collections published by Great Britain: VK 603.
Tide and current registers—Continued.
Great Lakes: VK 783–4.
Greece: VK 666.
Greenland: VK 791.
Gulf of Mexico: VK 971–7.
Holland: VK 625.
Hudson Bay: VK 790.
Iceland: VK 614.I2.
Indian Ocean: VK 685–701.
Ionian Sea: VK 667.
Ireland: VK 631.
Italy: VK 657.
Japan Sea: VK 709–11.
Kattegat: VK 618.
Labrador: VK 789.
La Plata River: VK 765.
Lyons, Gulf of: VK 656.
Madeira: VK 680.M2.
Magellan, Straits of: VK 763.
Malaysia: VK 731.
Man, Isle of: VK 632.
Marmora, Sea of: VK 669.
Mediterranean Sea: VK 653–74.
Messina, Straits of: VK 662.
Mexico
East coast: VK 771–3.
West coast: VK 749.
Mexico, Gulf of: VK 771–7.
New Zealand: VK 729.
Newfoundland: VK 789.
North Atlantic Islands: VK 679.
North Sea: VK 615–18.
Norway: VK 616.
Nova Scotia: VK 786.
Orkney Isles: VK 636.
Pacific Ocean: VK 715–56.
Persian Gulf: VK 697.
Philippine Islands: VK 711.
Portugal: VK 649.
Red Sea: VK 695.
Russia
Arctic Ocean: VK 607.
Baltic Sea: VK 621.
Black Sea: VK 670.
White Sea: VK 609.
Saint Lawrence River: VK 788.
Sardinia: VK 660.
Scotland: VK 635.
Shetland Islands: VK 636.
Siam, Gulf of: VK 703.
Sicily: VK 662.
Skagerrak: VK 617.

Tide and current registers—Continued.
Skerki Bank: VK 662.
South America
General: VK 761.
East coast: VK 761–7.
West coast: VK 755–6.
Spain
Atlantic Ocean: VK 649.
Mediterranean Sea: VK 654.
Sweden: VK 620.
Thames River: VK 638.5.
Turkey: VK 665.
Tyrrhenian Sea: VK 661.
United States
East coast: VK 781–2.
West coast: VK 747–8.
Vancouver Island: VK 746.
West Indies: VK 771–3.
White Sea: VK 609.
Windward Passage: VK 777.
Yangtze River: VK 706.
Yellow Sea: VK 707.
Tonnage tables: VM 153.
Torpedo-boat destroyers: V 840.
Torpedo-boats: V 830–8.
Torpedoes: V 850–5.
Toy boats: VM 359.
Training-ships, Naval
Great Britain: V 523–4.
United States: V 435–6.
Training stations, Naval
United States: V 433–4.
Transmission of naval orders: V 270.
Transportation, Naval: VC 550–5.
Trials of steamships: VM 880–1.
Tropical hygiene (Naval): VG 471.
Turkey, Coast of
Pilot guides: VK 865.
Tide tables: VK 665.
Tyrrhenian Sea
Pilot guides: VK 861.
Tide tables: VK 661.

U

Uniforms, Naval
General: VC 300–5.
Marines: VE 400–5.
United States
Lighthouses: VK 1243–4.
Naval law: VB 360–9.
Naval militia: VA 79–390.
United States—Continued.
Pilot guides
East coast: VK 981–2.
West coast: VK 947–8.
Tide tables
East coast: VK 781–2.
West coast: VK 747–8.
United States Civil War
Naval observations: V 705.
United States Marine Corps: VE 23.
United States Naval Academy, Annapolis: V 415.
United States Navy: VA 50–390.
Appointments, promotions: VB 313–4.
Appropriations: VA 60.
Auxiliary service: VA 79.
Badges, insignia, etc.: VC 345.
Canteen: VC 393.
Chaplains: VG 23.
Coaling stations: VA 73–4.
Collier service: VA 75.
Cookery: VC 373.
Courts martial: VB 803.
Courts of inquiry: VB 813.
Crimes and offenses: VB 853.
Cruise, 1907–9: VA 58.
Dental service: VG 283.
Desertions: VB 873.
Directories: V 11.
Distribution: VA 62–5.
Drill regulations
Marines: VE 160.
Ordnance: VF 160.
Seamen: VD 160.
Electricians: VM 473.
Equipment: VC 280–340.
Expenditures, etc.: VA 60.
Firing regulations
Marines: VD 333.
Seamen: VE 333.
Flags, etc.: V 303.
Hospital corps: VG 320.
Hospital ships: VG 450.
Judiciary: VB 793.
Lists of vessels: VA 61.
Medals, badges, etc.: VC 345.
Medical service: VG 123–473.
Naval engineer corps: VM 623.
Naval law: VB 360.
Naval life: V 736.
Naval militia: VA 80–390.

United States Navy—Continued.
Naval stations: V 63–68.
Navy lists: V 11.
Navy yards: VA 69–70.
Nurse corps: VG 353.
Officers: VB 313–4.
Navy lists: V 11.
Orders, General: VB 365.
Ordnance: VF 353–420.
Organization: VA 52–387.
Pay, allowances, etc.: VC 50–65.
Pensions, bounties, etc.: VB 283, 343.
Periodicals: V 1.
Physical training: V 263.
Ports, bases, etc.: VA 67–8.
Prisons and prison-ships: VB 893.
Recruiting, etc.: VB 263.
Registers: V 11.
Regulations: VB 363.
Reports: VA 52.
Retirements: VB 313–4.
Sailors' homes: VB 293.
Sanitary and medical service: VG 123–473.
Seamen's handbooks: V 113.
Signaling: V 283.
Steam engineering: VM 623.
Subsistence: VC 353.
Supplies and stores: VC 263.
Target practice: VF 313.
Training stations: V 433–4.
Trials of vessels: VM 880–1.
Uniforms: VC 303.
United States Navy department
General organization: VB 23.
General reports: VA 52.
United States Revenue-cutter service
School of instruction: V 437.

V

Vancouver Island
Pilot guides: VK 946.
Tide tables: VK 746.
Vedettes: V 880.
Vibration phenomena of ships: VM 739.
Victualing, Naval: VC 350–5.

W

War correspondents: VG 500.
War games, Naval: V 250.
War-ships (Construction, etc.): V 750–980.
Watch duty: VK 233.
Navies of special countries: VD 160–302.
Watch, station, quarter and fire bills: VD 160–302.
British navy: VD 234.
Water-bicycles: VM 357.
Water-supply on war-ships: VC 410.
Water-tight compartments: VM 469.
West Indies
Pilot guides: VK 971–3.
Tide tables: VK 771–3.
Whalebacks (Ships): VM 311.W5.
White Sea
Pilot guides: VK 809.
Tide tables: VK 609.
Whitehead torpedoes: V 855.W5.
Winds and storms: QC 931–955.
Windward Passage
Pilot guides: VK 977.
Tide tables: VK 777.
Wireless telegraphy, Naval: VG 76–78.
Wooden ships: VM 142–4.

Y

Yacht-building: VM 331.
Yangtze River
Pilot guides: VK 906.
Tide tables: VK 706.
Yellow Sea
Pilot guides: VK 907.
Tide tables: VK 707.

O

LRB N 27

LIBRARY OF CONGRESS
0 019 985 385 5